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UNITED STATES
DEPARTMENT OF AGRICULTURE

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EXPENDITURES IN THE DEPARTMENT OF AGRICULTURE.

LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

*A detailed statement of the expenditures of the Department of Agriculture
for the fiscal year ending June 30, 1894.*

DECEMBER 3, 1894.—Referred to the Committee on Expenditures in the Department
of Agriculture and ordered to be printed.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., November 5, 1894.

SIR: In conformity to law, I have the honor to present herewith to
Congress a detailed statement of the expenditures of all appropriations
for the Department of Agriculture for the fiscal year ended June 30,
1894.

Very respectfully,

J. STERLING MORTON,
Secretary.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1894.

SALARIES.

Name.	Total.	Name.	Total.
J. Sterling Morton	\$8,000.00	W. H. Prestele	\$1,200.00
F. V. Coville	2,500.00	Thomas J. Ray	1,200.00
Geo. Wm. Hill	2,500.00	B. E. Shepherd	1,200.00
C. H. Merriam	2,500.00	Flora Schmidt	1,200.00
D. MacCuaig	2,500.00	W. R. Scholl	1,200.00
H. A. Robinson	2,500.00	M. S. Tidd	1,200.00
Wm. Saunders	2,500.00	V. K. Wharton	1,200.00
Thos. Taylor	2,500.00	J. C. Wight	1,200.00
H. W. Wiley	2,500.00	Otto Heidemann	1,172.20
F. L. Evans	2,477.18	L. H. Dewey	1,164.20
C. V. Riley	2,274.00	S. R. Burch	1,150.00
Chas. W. Dabney, jr	2,250.00	F. N. Gregory	1,143.46
Edwin Willits	2,250.00	Alice Miller	1,094.83
J. S. Charleson	2,000.00	J. A. Clark	1,050.00
M. E. Fagan	2,000.00	W. B. Dobbs	1,023.89
B. E. Fernow	2,000.00	A. C. Baldwin	1,000.00
B. T. Galloway	2,000.00	R. B. Blankman	1,000.00
George Marx	2,000.00	Janie A. Bell	1,000.00
E. L. Phillips	2,000.00	C. B. Clark	1,000.00
L. O. Howard	1,857.70	E. L. Clark	1,000.00
J. B. Bennett	1,800.00	R. S. Clifton	1,000.00
James C. Hooe	1,800.00	F. C. Cooney	1,000.00
G. L. Spencer	1,800.00	N. E. Fealy	1,000.00
L. S. Williams	1,800.00	Lawrence Gallagher	1,000.00
E. D. Yerby	1,741.33	James Halle	1,000.00
C. D. Campbell	1,600.00	W. N. Irwin	1,000.00
Allen Dodge	1,600.00	S. E. Jenkins	1,000.00
John W. Hall	1,600.00	L. C. C. Krieger	1,000.00
J. A. Harvey	1,600.00	Margaret MacCuaig	1,000.00
K. P. McElroy	1,600.00	W. A. Maxwell	1,000.00
E. V. O'Brien	1,600.00	Ada B. Morrison	1,000.00
Theo. Pergande	1,600.00	I. J. Nichols	1,000.00
J. N. Rose	1,600.00	F. O. Smalley	1,000.00
Geo. R. Simmons	1,600.00	M. E. Skinner	1,000.00
Wm. A. Taylor	1,600.00	Thora Steininger	1,000.00
Will H. Bane	1,556.50	M. C. Stoddart	1,000.00
T. S. Palmer	1,538.43	Maggie Taylor	1,000.00
Wm. P. Cutter	1,516.37	H. S. Walter	1,000.00
S. A. Benter	1,500.00	John Nordhouse	998.91
A. K. Fisher	1,500.00	A. E. Bray	997.20
V. Hallenbeck	1,468.10	C. L. Shaver	990.41
Louise Breedin	1,400.00	E. L. Hart	974.15
F. H. Chittenden	1,400.00	V. M. Petricolas	974.11
Carrie L. DuBois	1,400.00	Eugenia Cuthbert	972.75
John Dugan	1,400.00	C. K. Bragdon	900.00
Geo. R. Ferguson	1,400.00	F. L. J. Boettcher	900.00
W. S. D. Haines	1,400.00	Thomas Riggles	900.00
D. M. Hall	1,400.00	John J. Atwell	880.00
E. G. Latham	1,400.00	M. A. Goodchild	840.00
Evie Lyons	1,400.00	M. C. Montgomery	840.00
Anna Montgomery	1,400.00	H. R. Smedes	840.00
Frank Muller	1,400.00	Ida Skinner	840.00
M. F. Safford	1,400.00	Joseph Williams	840.00
C. P. Streator	1,400.00	W. C. Pennywitt	837.03
Geo. B. Sudworth	1,400.00	L. T. Harrison	835.48
Lillie Sullivan	1,400.00	Oma Carr	831.55
J. M. Watt	1,400.00	Amelia Lewis	829.73
A. Zappone	1,395.62	M. T. Chapman	790.76
R. E. Smith	1,320.00	Kate Sanders	753.30
John D. Jones	1,294.20	H. L. Vining	750.01
Edmund Burke	1,253.53	M. H. Burr	749.68
Alice Henkel	1,251.10	R. E. Wait	728.87
S. B. Heiges	1,250.00	James E. Jones	724.94
M. A. Robbins	1,250.00	E. A. Barbaux	720.00
M. McCutchen	1,241.61	L. E. Bowen	720.00
F. E. L. Beal	1,200.00	A. H. Brooks	720.00
M. G. Champney	1,200.00	Thad. Fairfax	720.00
F. C. Cox	1,200.00	J. E. M. Gantt	720.00
Talma Drew	1,200.00	W. H. Moor	720.00
Ella Edwards	1,200.00	W. H. Ward	720.00
C. B. Finckel	1,200.00	J. T. Washington	720.00
L. F. Harrington	1,200.00	Juliet King	710.60
Carrie Harrison	1,200.00	Gertrude Riggles	699.20
S. M. Huddleston	1,200.00	Albert F. Woods	648.22
M. M. Ingram	1,200.00	T. C. Trescot	640.43
J. F. James	1,200.00	N. B. Clarvoe	600.00
Wm. H. Krug	1,200.00	Martin Johnson	600.00
M. A. Mack	1,200.00	W. H. Johnson	600.00
M. H. Mahon	1,200.00	Annie Parker	600.00
D. Olzewski	1,200.00	Susan Ruppert	600.00
D. G. Passmore	1,200.00	John F. Tomlinson	600.00

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EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

SALARIES—Continued.

Name.	Total.	Name.	Total.
A. A. Wyche	\$600.00	F. K. Van Auken	\$204.37
M. B. Zimmerman	600.00	Mary E. Williams	201.70
Sara Skinner	598.80	E. G. Runyan	198.90
John J. Wharton	573.96	R. B. Grubbs	198.49
Virginia Miller	572.73	S. W. Halsey	195.79
Wm. Arthur Barr	561.02	Robert E. Nelson	192.00
W. D. Bigelow	548.90	W. R. Bruce	184.65
M. S. Bowie	541.67	Mary McAdams	182.61
Otto J. J. Luebkert	525.80	Jennie McCreary	168.40
D. G. Fairchild	524.97	H. S. Tullis	159.26
Thomas Rutledge	508.00	C. L. Marlatt	148.30
Clara O'Donoghue	496.70	T. W. Matthews	142.00
George I. Hall	484.91	Anna M. Housman	141.60
Emily Werner	480.00	Joseph A. Arnold	131.90
James M. Coombs	478.00	C. J. Weinheimer	130.67
H. B. Cannon	465.22	Jesse E. Tucker	125.00
F. J. Cleary	465.10	R. H. Ezdorf	116.02
Geo. W. Connolly	460.00	M. B. Paine	115.50
A. E. Barbour	456.53	A. F. English	105.04
C. J. Ashton	446.63	I. S. Pennybacher, jr	85.76
G. L. Lilly	434.54	Thomas T. Murphy	84.00
Hiram Johnson	431.13	B. F. Fuller	81.52
E. W. Brown	422.00	Edward Wagener	67.17
Irene Johnson	415.15	W. L. Gee	50.50
E. H. Stevens	413.09	Thomas G. Ecton	50.00
M. Gerard	400.00	John R. Thomas	47.25
A. G. Masius	400.00	Charles O'Grady	42.39
E. W. Whitehead	360.00	Harry Crompton	39.00
W. W. Jones	349.20	John D. Sells	39.00
S. F. Seaton	348.91	C. J. Sullivan	39.00
S. F. Thomas	348.91	James H. Thompson	34.50
I. W. Stone	337.00	J. P. Shannon	24.73
C. E. Bracey	306.67	H. Jacobson	16.80
Maria Mead	300.00	T. D. Sharp	8.40
Lizzie Rollins	300.00	Charles Burnett	1.50
Helen Gardner	292.87	James Canavin	1.50
W. L. Titus	288.30	George Curtis	1.50
Thomas J. Lamb	275.23	Sam Dixon	1.50
William N. Talbot	272.61	Lewis Douglass	1.50
C. H. Pilcher	242.00	Wm. Douglas	1.50
E. P. Stout	240.00	W. H. Douglas	1.50
J. M. Holzinger	235.80	Fred. Minor	1.50
E. A. Preble	232.80	Henry Palmer	1.50
Alex. King	232.21	Arthur Robinson	1.50
M. L. Ward	226.59		
Lemuel Todd	225.00	Total	233,679.75
O. P. Angelo	212.00		

COLLECTING AGRICULTURAL STATISTICS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 15	M. S. Colman	Salary, July 1 to 15.....	\$57.07
19	Washington City post-office	Postage stamps.....	3,000.00
25	The Railway Age and North-western Railroader.	Subscription, June 30, 1893, to June 30, 1894.....	4.00
31	C. A. Hanna	Salary for July.....	39.00
31	E. T. Peters et al	Salaries for July.....	3,519.60
Aug. 16	C. A. Hanna	Salary, Aug. 1 to 15.....	19.50
17	Washington City post-office	Postage stamps.....	1,400.00
22	Chas. F. Curtis	Salary, July 1 to Aug. 14.....	97.83
26	John C. Parker	Cardboard and envelopes.....	106.00
31	E. T. Peters et al	Salaries for August.....	3,328.93
Sept. 16	F. A. Bickford	Salary, Sept. 1 to 15.....	29.67
26	H. A. Howes	Salary, Sept. 1 to 26.....	50.87
30	Frank V. Dilatash	Salary, statistical agent, July 1 to Sept. 30.....	300.00
30	Martin E. Argo	do.....	300.00
30	Edwin F. Smith	do.....	300.00
30	Geo. T. Powell	Salary, statistical agent, July 1 to Sept. 15.....	251.11
30	Robt. W. Furnas	Salary, statistical agent, July 1 to Sept. 30.....	250.00
30	Elias S. Garver	do.....	250.00
30	J. C. Featherston	do.....	225.00
30	N. S. Dougherty	do.....	225.00
30	R. J. Redding	do.....	225.00
30	W. P. Hancock	do.....	225.00
30	S. S. Neely	do.....	200.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 30	John H. Hammond	Salary, statistical agent, July 1 to Sept. 30.	\$200.00
30	L. M. Fay	do	200.00
30	Milo E. Marsh	do	200.00
30	Nicholas McDowell	do	180.00
30	Frank H. Drown	do	180.00
30	E. W. Longshore	do	180.00
30	Jno. C. Tipton	do	180.00
30	R. D. Baugh	do	150.00
30	A. A. Olmsted	do	150.00
30	James H. Lane	do	150.00
30	W. M. Scott	do	150.00
30	A. S. Mercer	do	150.00
30	John R. Reavis	do	150.00
30	T. S. Gold	do	150.00
30	I. Washington Watts	do	150.00
30	James A. Hayden	do	150.00
30	Franklin Dye	do	150.00
30	Jno. J. Cornwell	do	150.00
30	James M. Adams	do	150.00
30	John H. Stevens	do	150.00
30	Dandridge McRae	do	150.00
30	Harrison R. Kincaid	do	150.00
30	Frank E. Carstarphen	do	150.00
30	Burroughs Abbott	do	150.00
30	William Nelson	do	150.00
30	A. H. Manville	do	150.00
30	Robt. H. Howe	do	150.00
30	Geo. L. Fryer	do	150.00
30	D. R. Michener	Salary, statistical agent, Aug. 15 to Sept. 30.	102.16
30	Arthur S. Fitz	Salary, statistical agent, July 1 to Sept. 30.	100.00
30	Nathan Pratt	do	100.00
30	L. P. Stephens	Salary, statistical agent, Sept. 1 to Sept. 30.	97.80
30	E. T. Peters et al	Salaries for September	3,171.15
	Total statistics		22,444.69
	Total foreign markets		1,395.16
	Total first quarter		23,839.85
Oct. 5	Aaron C. Hedden	Salary, Sept. 16 to 30.	48.91
6	John C. Parker	Stationery	388.50
6	Daniel L. Flickinger	Salary for July and August	202.20
7	Chesapeake and Potomac Telephone Co.	Telephone rent, July 1 to Sept. 30.	15.00
13	John C. Parker	Envelopes	240.00
13	Adams Express Co.	Transportation, August	1.90
14	Eva H. Quinn	Salary, Oct. 1 to 13, inclusive	56.52
16	A. O. Nash	Salary, Oct. 1 to 15, inclusive	48.91
31	E. T. Peters et al	Salaries for October	3,063.77
Nov. 13	Franklin Dye	Salary, Oct. 1 to Nov. 1, inclusive	52.13
13	Willett and Gray	Subscription to Weekly Statistical Sugar Trade Journal to July 7, 1894.	15.00
17	Almont Barnes	Salary, Nov. 1, to 15.	73.37
22	Frank H. Hitchcock	Salary, Oct. 1 to 15	57.07
24	James M. Adams	Salary, Oct. 1 to Nov. 15	74.96
24	E. T. Peters	Expenses at Chicago, October	25.70
30	E. T. Peters et al	Salaries for November	2,663.90
Dec. 6	John C. Parker	Manila envelopes, etc.	298.60
8	T. S. Gold	Salary, Oct. 1 to Nov. 30	99.50
9	Washington City post-office	Postage stamps	3,000.00
14	S. F. Thomas	Salary, Dec. 1 to 13	42.39
19	U. S. Express Co.	Transportation, November	1.00
30	Edwin F. Smith	Salary, Oct. 1 to Dec. 31, 1893	300.00
30	Frank V. Dilatash	do	300.00
30	Martin E. Argo	do	300.00
30	Aaron C. Hedden	do	300.00
30	L. P. Stephens	do	250.00
30	Elias S. Garver	do	250.00
30	Robert W. Furnas	do	225.00
30	R. J. Redding	do	225.00
30	N. S. Dougherty	do	225.00
30	W. P. Hancock	do	225.00
30	J. C. Featherston	do	225.00
30	D. R. Michener	do	200.00
30	John H. Hammond	do	200.00
30	Milo E. Marsh	do	200.00
30	S. S. Neeley	do	200.00
30	L. M. Fay	do	200.00
30	Harry O. Garvey	do	180.00
30	Nicholas McDowell	do	180.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 30	Frank H. Drown	Salary, Oct. 1 to Dec. 31, 1893	\$180.00
30	Jno. C. Tipton	do	180.00
30	James H. Lane	do	150.00
30	Dandridge McRae	do	150.00
30	Frank E. Carstarphen	do	150.00
30	A. H. Manville	do	150.00
30	James A. Hayden	do	150.00
30	John H. Stevens	do	150.00
30	R. D. Baugh	do	150.00
30	Robt. H. Howey	do	150.00
30	W. M. Scott	do	150.00
30	Harrison R. Kincaid	do	150.00
30	I. Washington Watts	do	150.00
30	Burroughs Abbott	do	150.00
30	Geo. L. Fryer	do	150.00
30	William Nelson	do	150.00
30	A. A. Olmsted	do	150.00
30	John R. Reavis	do	150.00
30	Jno. J. Cornwell	do	150.00
30	A. S. Mercer	do	150.00
30	Nathan Pratt	do	100.00
30	Arthur S. Fitz	do	100.00
30	Frank A. Foy	Salary, Nov. 2 to Dec. 31, 1893	97.78
30	Frank K. Hobbs	Salary, Nov. 16 to Dec. 31, 1893	74.96
30	John S. Kirkham	Salary, Dec. 1 to Dec. 31, 1893	50.50
30	Wm. Berton Nassau	Salary, Dec. 9 to 30, 1893	133.00
30	E. T. Peters et al	Salaries for December	2,487.00
	Total statistics		20,832.57
	Total foreign markets		2,644.12
	Total second quarter		23,476.69
1894.			
Jan. 3	Arthur Tickum	Salary for December, 1893	84.20
11	The Chesapeake and Potomac Telephone Co.	Telephone rent, Oct. 1 to Dec. 31, 1893	15.00
17	John C. Parker	Manila envelopes	350.70
18	George Chapin	Salary for December, 1893	50.50
25	Wyckoff, Seamans & Benedict	Copyholder	2.50
31	Wm. Berton Nassau	Services, January, 1894	189.00
31	E. T. Peters et al	Salaries for January	2,574.74
Feb. 1	Arthur Tickum	Salary for Januany	86.10
3	Washington City post-office	Stamps	2,000.00
16	The Standard Engraving Co.	Engraving plate	4.95
20	A. H. Manville	Salary, Jan. 1 to Feb. 14, 1894	75.03
28	Arthur Tickum	Salary for February	77.80
28	W. B. Nassau	do	168.00
28	E. T. Peters et al	Salaries for February	2,379.53
Mar. 2	John C. Parker	Mimeograph typewriter	6.50
2	do	Record book	1.78
3	Wm. W. Finney	Salary, Feb. 5 to 28, 1894	128.57
3	do	Expenses, Feb. 5 to 28, 1894	67.12
8	Henry A. Robinson	Expenses, February and March, 1894	68.45
20	Arthur S. Fitz	Salary, Jan. 1 to Mar. 15, 1894	82.27
26	John C. Parker	Manila envelopes	345.45
31	Edwin F. Smith	Salary, Jan. 1 to Mar. 31, 1894	300.00
31	Frank V. Dilatush	do	300.00
31	Martin E. Argo	do	300.00
31	Aaron C. Hedden	do	300.00
31	L. P. Stephens	do	300.00
31	Elias S. Garver	do	250.00
31	Robt. W. Furnas	do	250.00
31	R. J. Redding	do	225.00
31	N. S. Dougherty	do	225.00
31	W. P. Hancock	do	225.00
31	J. C. Featherston	do	225.00
31	D. R. Michener	do	200.00
31	John H. Hammond	do	200.00
31	Milo E. Marsh	do	200.00
31	S. S. Neely	do	200.00
31	L. M. Fay	do	200.00
31	Harry O. Garvey	do	180.00
31	Nicholas McDowell	do	180.00
31	Frank H. Drown	do	180.00
31	Jno. C. Tipton	do	180.00
31	James H. Lane	do	150.00
31	Dandridge McRae	do	150.00
31	Frank E. Carstarphen	do	150.00
31	John S. Kirkham	do	150.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 31	George Chapin	Salary, Jan. 1 to Mar. 31, 1894.	\$150.00
31	James A. Hayden	do	150.00
31	Henrietta Baugh	do	150.00
31	John H. Stevens	do	150.00
31	Robt. H. Howey	do	150.00
31	Frank K. Hobbs	do	150.00
31	Frank A. Foy	do	150.00
31	Harrison R. Kincaid	do	150.00
31	W. M. Scott	do	150.00
31	L. Washington Watts	do	150.00
31	G. L. Fryer	do	150.00
31	Burroughs Abbott	do	150.00
31	William Nelson	do	150.00
31	A. A. Olmstead	do	150.00
31	John R. Reavis	do	150.00
31	Jno. J. Cornwell	do	150.00
31	A. S. Mercer	do	150.00
31	Nathan Pratt	do	100.00
31	Richard Garnett	Salary, Feb. 1 to Mar. 31, 1894.	98.30
31	A. A. Persons	Salary, Feb. 15 to Mar. 31, 1894	75.03
31	J. S. Soule	do	49.95
31	George A. Smith	Salary, Mar. 16 to Mar. 31, 1894	17.78
31	Arthur Ticktum	Salary, for Mar., 1894	86.10
31	Wm. B. Nassau	do	189.00
31	E. T. Peters et al.	Salaries for March, 1894	2,758.53
	Total statistics		19,902.89
	Total foreign markets		1,897.69
	Total third quarter		21,800.58
Apr. 4	Wm. W. Finney	Salaries and expenses, March, 1894.	190.50
5	Thos. T. Crittenden	Statistical Directory	4.62
18	John C. Parker	Blank book	2.16
30	Arthur Ticktum	Salary for April, 1894	82.40
30	E. T. Peters et al.	Salaries for April, 1894	2,720.20
May 1	W. B. Nassau	Salary for April, 1894	175.00
3	Wm. W. Finney	do	150.00
15	do	Expenses, February, March, and April, 1894	45.38
21	Wm. Ballantyne & Sons	Paper	53.25
31	E. T. Peters et al	Salaries for May, 1894.	2,773.81
June 1	Arthur Ticktum	Salary for May, 1894.	85.20
2	W. B. Nassau	do	189.00
7	Wm. W. Finney	do	150.00
7	John C. Parker	Envelopes	381.25
9	Wm. W. Finney	Expenses, May, 1894.	64.69
14	Frank H. Drown	Salary, Apr. 1 to May 14, 1894.	86.99
14	Washington City post-office	Postage stamps	1,000.00
23	John C. Parker	Manila tag board	46.00
30	L. P. Stevens	Services, Apr. 1 to June 30, 1894.	300.00
30	Edwin F. Smith	do	300.00
30	Frank V. Dilatash	do	300.00
30	Aaron C. Heden	do	300.00
30	Martin E. Argo	do	300.00
30	Elias S. Garver	do	250.00
30	Robt. W. Furnas	do	250.00
30	W. P. Hancock	do	225.00
30	N. S. Dougherty	do	225.00
30	J. C. Featherston	do	225.00
30	D. R. Michener	do	200.00
30	John H. Hammond	do	200.00
30	Milo E. Marsh	do	200.00
30	George Chapin	do	150.00
30	L. M. Fay	do	200.00
30	S. S. Neely	do	200.00
30	Nicholas McDowell	do	180.00
30	Harry O. Garvey	do	180.00
30	Jno. C. Tipton	do	180.00
30	A. S. Mercer	do	150.00
30	Richard Garnett	do	150.00
30	Dandridge McRae	do	150.00
30	Frank E. Carstarphen	do	150.00
30	A. A. Persons	do	150.00
30	John S. Kirkham	do	150.00
30	James H. Lane	do	150.00
30	Henrietta Baugh	do	150.00
30	A. A. Olmsted	do	150.00
30	G. L. Fryer	do	150.00
30	Frank A. Foy	do	150.00
30	W. M. Scott	do	150.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
June 30	I. Washington Watts.....	Services, Apr. 1 to June 30, 1894.....	\$150.00
30	James A. Hayden.....	do.....	150.00
30	Frank K. Hobbs.....	do.....	150.00
30	Burroughs Abbott.....	do.....	150.00
30	John H. Stevens.....	do.....	150.00
30	John R. Reavis.....	do.....	150.00
30	Robt. H. Howey.....	do.....	150.00
30	Jno. J. Cornwell.....	do.....	150.00
30	George A. Smith.....	do.....	100.00
30	J. S. Soule.....	do.....	100.00
30	Nathan Pratt.....	do.....	100.00
30	Arthur Latham Perry.....	Services, May 15 to June 30, 1894.....	92.93
30	Guy C. Wilson.....	Services, May 16 to June 30, 1894.....	75.87
30	William Nelson.....	Services, Apr. 1 to May 14, 1894.....	72.58
30	Harrison R. Kincaid.....	Services, Apr. 1 to June 30, 1894.....	150.00
30	Wm. Berton Nassau.....	Services, June 1 to 30, 1894 (26 days).....	182.00
30	E. T. Peters et al.....	Salaries for June.....	2,580.90
	Total statistics.....		19,019.73
	Total foreign markets.....		1,986.48
	Total fourth quarter.....		21,006.21
	<i>Supplemental.</i>		
July 2	Arthur Ticktum.....	Salary for June, 1894.....	82.40
2	R. J. Redding.....	Services, Apr. 1 to June 30, 1894.....	225.00
7	Wm. W. Finney.....	Salary, June, 1894.....	150.00
13	do.....	Expenses, June, 1894.....	49.56
19	John C. Parker.....	Envelopes.....	381.97
Aug. 2	Easton & Rupp.....	Paper.....	8.10
	Total statistics.....		897.03
	Total foreign markets.....		53.79
	Total supplemental.....		950.82

RECAPITULATION.

First quarter.....	\$23,839.85
Second quarter.....	23,476.69
Third quarter.....	21,800.58
Fourth quarter.....	21,006.21
Supplemental.....	950.82
Total.....	91,074.15

INVESTIGATING FOREIGN DEMANDS FOR UNITED STATES AGRICULTURAL PRODUCTS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 21	I. I. Murphy.....	Salary, July 1 to 15.....	\$48.91
Aug. 2	C. J. Murphy.....	Salary, July 1 to 31.....	210.60
7	do.....	Expenses in July.....	251.25
18	John Mattes, jr.....	Salary for July.....	294.80
31	do.....	Salary for August.....	294.80
31	C. J. Murphy.....	do.....	294.80
	Total first quarter.....		1,395.16
Oct. 3	C. J. Murphy.....	Salary for September.....	285.40
3	John Mattes, jr.....	do.....	285.40
24	do.....	Expenses, July, August, and September.....	261.79
31	C. J. Murphy.....	Salary for October.....	294.80
31	do.....	Expenses in August.....	42.76
31	John Mattes, jr.....	Salary for October.....	294.80
Dec. 1	C. J. Murphy.....	Salary for November.....	285.40
1	John Mattes, jr.....	do.....	285.40
30	do.....	Salary for December, 1893.....	294.80
30	C. J. Murphy.....	do.....	294.80
30	do.....	Expenses, October, 1893.....	13.49
30	do.....	Expenses, November, 1893.....	5.28
	Total second quarter.....		2,644.12

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

INVESTIGATING FOREIGN DEMANDS FOR UNITED STATES AGRICULTURAL PRODUCTS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 31	C. J. Murphy	Salary, January, 1894	\$301.40
31	do	Expenses, December, 1893	3.91
Feb. 16	John Mattes, jr.	Salary for January, 1894	301.40
16	C. Ferslew & Co.	Expenses, Murphy, in November, 1893	14.05
28	John Mattes, jr.	Expenses, Murphy, in December, 1893	3.38
28	C. J. Murphy	Salary for February, 1894	272.20
28	do	do	272.20
28	do	Cormeal, etc.	4.00
28	do	Freight, etc., on cranberries	3.36
28	do	Stationery, etc.	1.86
Mar. 22	John Mattes, jr.	Expenses in October, 1893	74.13
22	do	Expenses in November, 1893	43.00
31	do	Salary for March, 1894	301.40
31	C. J. Murphy	do	301.40
		Total third quarter	1,897.69
Apr. 10	C. J. Murphy	Expenses in July, August, and September, 1893	42.42
10	do	Expenses in October, 1893	15.21
30	do	Salary for April, 1894	288.50
30	John Mattes, jr.	do	288.50
May 12	New York Equitable Life Insurance Co.	Rent space, July 1 to Sept. 30, 1893	51.03
12	C. J. Murphy	Expenses, February, 1894	30.33
12	do	do	.78
12	do	Expenses, May, 1894	7.96
June 1	John Mattes, jr.	Salary for May, 1894	298.00
1	do	Expenses, January, 1894	15.44
1	C. J. Murphy	Salary for May, 1894	298.00
1	do	Expenses, April, 1894	9.77
30	John Mattes, jr.	Salary, June, 1894	288.50
30	do	Expenses, April and May, 1894	33.41
30	C. J. Murphy	Expenses, February, 1894	4.58
30	do	Expenses, May, 1894	5.21
30	do	do	13.01
30	do	Salary, June, 1894	288.50
30	do	Expenses, June, 1894	7.33
		Total fourth quarter	1,986.48
		Supplemental.	
July 3	Adolphe Mertens	Pamphlets on maize, etc.	53.79

RECAPITULATION.

First quarter	\$1,395.16
Second quarter	2,644.12
Third quarter	1,897.69
Fourth quarter	1,986.48
Supplemental	53.79

Total 7,977.24

BOTANICAL INVESTIGATIONS AND EXPERIMENTS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 24	C. Becker	Leather straps	\$4.50
31	L. H. Dewey et al	Salaries for July	1,050.98
Aug. 1	Frederick Funston	Salary for July	185.00
2	Fred Clements	do	100.00
2	Edward Palmer	do	100.00
2	John B. Leiberg	do	150.00
2	C. H. Thompson	do	100.00
8	E. Morrison Paper Co.	Dryers, etc.	20.40
9	George W. Knox Express	Freight and drayage, July	3.07
14	A. H. Curtis	Florida plants	75.15
14	Rachel C. C. Vasey, administrator	Herbarium specimens	36.50
16	Library Bureau	Cards	18.42
18	P. A. Rydberg	Salary for July	100.00
22	H. C. Brooks	Labor for July	90.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug 22	C. C. Jones	Labor for July	\$45.00
22	J. A. Sewall	Salary for July	84.20
22	Thomas Morong	Specimens of plants	10.40
22	J. H. Sandberg	Salary for July	150.00
22	E. W. Crawford	Herbarium specimens	4.50
22	Adams Express Co.	Transportation, July	1.60
26	Richard Spruce	Herbarium specimens	25.48
30	Geo. W. Hobbs	Transportation, plant specimens, etc.	.28
31	C. H. Thompson	Salary for August	100.00
31	Edward Palmer	do	100.00
31	Fred Clements	do	100.00
31	J. H. Sandberg	do	150.00
31	John B. Leiberg	do	150.00
31	L. H. Dewey et al.	Salaries for August	1,007.02
Sept. 4	North Pacific R. R. Co.	Transportation, July (Rose)	25.00
4	Wisconsin Central Lines, North Pacific R. R. Co., lessee.	do	8.60
4	W. E. Kirby et al.	Labor, July	80.00
5	P. A. Rydberg	Salary, August	100.00
5	E. N. Gause	Repairs, carriage bolts, etc.	7.45
5	W. E. Kirby et al.	Labor, August	66.66
5	C. C. Jones	do	45.00
11	J. A. Sewall	Salary for August	84.20
11	The Missouri Pacific Rwy. Co.	Transportation, Coville, July	5.90
12	Geo. W. Knox Express	Freight on plants	8.36
13	Atchison, Topeka and Santa Fe R. R. Co.	Transportation, Coville, July	2.00
19	Frederick Funston	Salary for August	185.00
21	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation, Coville, July	9.25
21	F. V. Coville	Traveling expenses to Madison, Wis., August	80.95
25	Pennsylvania Co.	Transportation, Coville, July	17.50
27	The Norris-Peters Co.	Printing map of Death Valley	160.00
27	United States Express Co.	Transportation in August	1.70
30	H. C. Brooks	Salary for August	90.00
30	A. H. Love et al.	Salaries for September	812.00
	Total first quarter		5,752.07
Oct. 2	E. Morrison Paper Co.	White mounting paper	110.00
2	do	Herbarium paper	1.10
3	J. H. Sandberg	Salary, Sept. 1 to 10, 1893	50.00
3	John B. Leiberg	do	50.00
4	W. E. Kirby et al.	Labor, September, 1893	80.00
4	C. C. Jones	do	45.00
4	H. C. Brooks	Services for self and team, September	65.00
4	Edward Palmer	Illustrations Snake Plains of Idaho	3.00
5	Library Bureau	Index cards	14.40
5	Geo. R. Seiffert	Type cleaner	2.50
5	E. Morrison Paper Co.	Strawboard, etc.	2.30
7	J. A. Sewall	Salary for September	81.60
9	Northern Pacific R. R. Co.	Transportation, Sandberg, August	25.00
9	Baltimore and Ohio R. R. Co.	Transportation, Rose, July	34.50
9	J. N. Rose	Expenses, August and September	107.90
9	do	Expenses, July 19 to Aug. 2, 1893	59.23
11	A. A. Heller	Herbarium specimens	49.55
11	Barber & Ross	Hammer	.50
16	Frederick Funston	Salary for September	185.00
17	E. G. Dobson	Salary for August	75.00
17	A. H. Curtiss	Herbarium specimens	75.15
20	Adams Express Co.	Transportation, September	1.50
23	P. A. Rydberg	Salary, Sept. 1 to 10	33.33
24	Southern Pacific Co. (Atlantic system).	Transportation, specimens, etc.	2.47
24	Bausch & Lomb Optical Co.	Reading glass	1.88
30	C. R. Thomas	Salary, Oct. 1 to 15	29.35
31	Great Northern Rwy. Co.	Transportation, Sandberg, August	9.85
31	New York Photogravure Co.	Making copies of plate	80.00
31	A. H. Love et al.	Salaries for October	735.40
Nov. 2	Frederick Funston	Salary for October	185.00
4	A. B. Seymour	Genus covers	8.75
9	Terre Haute and Indianapolis R. R. Co.	Transportation, Palmer, September	19.25
9	John Craig	Blacksmith work	5.75
9	E. N. Gause	Hardware, etc.	9.55
9	W. E. Kirby et al.	Labor, October	81.65
9	R. J. Allman	Heading corn	17.55
9	H. C. Brooks	Services, self and team, October	65.00
9	C. C. Jones	do	45.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 9	J. A. Sewall	Services, self and team, October	\$84.20
11	J. N. Rose	Expenses in August and September	68.55
17	Rio Grande Western Rwy. Co.	Transportation, Palmer, September	25.00
17	T. H. Kearney, jr	Plants for herbarium	23.36
17	Missouri Pacific Rwy. Co.	Transportation, Palmer, September	5.00
18	Z. D. Gilman	Corrosive sublimate, etc	3.85
20	E. Morrison Paper Co	Herbarium paper	6.75
27	Atchison, Topeka and Santa Fe R. R. Co.	Transportation, Palmer, September	10.75
	N. V. Randolph & Co.	Binders	13.50
27	E. Morrison Paper Co.	Binders' board, etc	2.30
28	Chicago, St. Paul, Minneapolis and Omaha Rwy.	Transportation, Rose, September	7.00
30	A. H. Love et al	Salaries for November	787.60
Dec. 1	A. H. Curtiss	Herbarium specimens	74.70
6	Northern Pacific R. R. Co	To cover error in transportation, Rose, in July, 1893	2.20
6	M. L. Fernald	Herbarium specimens	16.88
6	Adams Express Co.	Transportation in October	10.85
9	Frederick Funston	Salary for November	185.00
11	Z. D. Gilman	Alcohol, etc	46.82
12	Northern Pacific R. R. Co.	Transportation, Rose, in September	28.00
16	W. T. Eggen	Services as auctioneer, Oct. 30	10.00
18	Marcus E. Jones	Herbarium specimens	218.00
19	D. M. Bauman	Threshing corn	12.00
19	United States Express Co	Transportation, November	2.35
26	S. M. Tracy	Report on Forage Experiments in the South	100.00
26	Adams Express Co.	Transportation, November	13.80
30	E. W. Crawford	Specimens Texas plants	4.00
30	A. H. Love et al	Salaries for December	811.20
	Total second quarter		5,021.67
1894.			
Jan. 2	L. H. Dewey	Expenses, Nov. 11 to Dec. 1, 1893	63.20
3	Chicago and Northwestern Rwy. Co.	Transportation, Dewey, November, 1893	34.08
3	Fremont, Elkhorn and Mis- souri Valley R. R. Co.	do	20.26
3	Northern Pacific R. R. Co.	do	7.74
5	Geo. W. Knox Express	Freight and drayage, November, 1893	27.07
8	Frederick Funston	Salary for December	185.00
8	Gibson Bros	Herbarium shelf flaps	31.25
11	The Chesapeake and Ohio Rwy. Co.	Transportation, Dewey, November, 1893	17.00
11	B. F. Bush	Herbarium specimens	9.12
12	Norris Bros.	Advertising	7.60
12	Garden City Imprint	do	6.60
12	James B. Olcott	Salary, Dec. 1, 1893, to Jan. 10, 1894	99.19
12	J. H. Sandberg	Herbarium specimens	16.10
15	Augusta Dillon	Labor, Jan. 1 to 8, 1894	13.04
16	Kate Haughton	do	13.04
17	E. Morrison Paper Co.	Herbarium mounting paper	55.00
18	United States Express Co.	Transportation, October	3.75
18	do	Transportation, December	11.05
20	Baltimore and Ohio R. R. Co.	Transportation, Dewey, November	17.50
20	do	Transportation, plants, July .....	.84
20	A. A. Heller	Herbarium specimens	15.00
20	John B. Leiberg	Services, Dec. 15 to 31, 1893	27.41
25	George W. Knox Express	Drayage, November .....	.50
31	Geo. D. Nash	Salary, January, 1894	100.00
31	A. H. Love et al	Salaries for January, 1894	874.69
Feb. 2	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation, Dewey, November, 1893	5.80
3	Garden & Forest Publishing Co.	Electrotype of cut of agave	1.00
3	John B. Leiberg	Salary, January, 1894	50.00
10	E. H. Morrison	Cabinet, etc.	150.00
13	E. Morrison Paper Co.	Paper for mounting plants	75
16	Byron D. Halsted	Book on "Weeds"	10.00
17	New York, New Haven and Hartford R. R. Co.	Transportation, Olcott, January	9.50
17	Wisconsin Central Line	Transportation, Leiberg, December, 1893	9.02
23	Pennsylvania R. R. Co.	Transportation, specimens, December, 1893 .....	.72
26	Northern Pacific R. R. Co.	Transportation, Leiberg and Dewey, No- vember and December, 1893	28.50
26	Charles Parker	Photographic work	4.10
27	Frederick Funston	Salary for January 1894	185.00
27	Henry Heil	Articles for testing seeds	7.58
27	Eimer & Amend	do	42.62

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 27	H. N. Patterson	Index cards	\$15.00
27	T. A. Williams	Herbarium specimens	5.00
28	A. H. Love et al	Salaries for February, 1894	867.20
Mar. 2	John C. Parker	Cyclostyle paper, etc	3.55
2	George D. Nash	Salary for February, 1894	100.00
2	John B. Leiberg	do	50.00
2	Cambridge Botanical Supply Co.	Mounting paper	9.00
6	Eimer & Amend	Analytical balance, etc	60.50
8	J. Baumgarten & Sons	Repairing stamp	1.00
10	E. Morrison Paper Co.	Jute paper	8.40
13	H. Lindemann & Sons	Paper	8.25
13	Southern Pacific Co. (Atlantic system).	Transportation, plants, in July, 1893	2.58
14	Frederick Funston	Salary for February, 1894	185.00
16	Schering & Glatz	Formalin	1.50
16	C. Becker	Wire presses	14.60
20	Eimer & Amend	Glass tubes	15.10
21	Chicago, Rock Island and Pacific Rwy. Co.	Transportation, Dewey, November, 1893	6.15
31	John B. Leiberg	Salary, March 1 to 15	24.19
31	A. H. Love et al	Salaries for March	768.00
	Total third quarter		4,305.64
Apr. 2	Hadley & Hawter Co.	Metal-clasp envelopes	7.50
2	The Blair Camera Co.	Photographic supplies	49.35
2	P. A. Rydberg	Salary, Oct. 15, 1893, to Feb. 14, 1894	202.25
2	Marcus E. Jones	Salary for March, 1894	100.00
3	Hammond & Jones	Labels	3.00
6	Z. D. Gilman	Carboy, etc	2.37
9	Whitall, Tatum & Co.	Vials	11.44
9	Camb. Bot. Sup. Co.	Card catalogue	5.00
12	do	Mounting paper	55.00
12	The Whitney-Noyes Seed Co.	Seed tryer	1.00
12	Alex. Schmid	Boxes	21.00
13	C. G. Pringle	Herbarium specimens	25.00
14	New Mexico and Arizona R. R. Co.	Transportation, box, July 1, 1893	.28
18	H. N. Patterson	Index cards	15.75
20	Geo. W. Knox Express	Freight and drayage, March, 1894	2.68
21	Eimer & Amend	Sieves	8.75
23	Woodward & Lothrop	Hammer, etc	1.19
23	Camb. Bot. Sup. Co.	Drievs	25.00
27	Frederick Funston	Salary for March, 1894	185.00
28	H. W. Hendley	Labor, April 17 to 27, 1894	20.00
30	Marcus E. Jones	Salary for April, 1894	100.00
30	John B. Leiberg	Salary, April 15 to 30, 1894	80.00
30	F. Lamson-Scribner	Salary, April 13 to 30, 1894	123.63
30	A. H. Love et al	Salaries for April, 1894	755.08
May 2	N. D. Randolph & Co.	Cloth-lid boxes	34.50
5	Z. D. Gilman	Bottles	1.50
7	Frederick Funston	Salary, April, 1894	185.00
10	Bausch & Lomb Optical Co.	Lens	40.38
14	Alex. Schmid	Boxes	6.50
14	Pennsylvania R. R. Co.	Transportation, Leiberg, March, 1894	17.00
14	Library Bureau	Index cards	14.40
14	Bausch & Lomb Optical Co.	Remodeling microscope, etc	101.54
15	John Loyd	Machine bag dies	21.00
16	Bausch & Lomb Optical Co.	Microscope, etc	108.55
21	H. N. Patterson	Check lists	2.25
23	E. Morrison Paper Co.	Herbarium paper	55.00
24	F. Lamson-Scribner	Expenses in May	47.30
29	Ernest Kübel	Cover and springs for odometer	3.00
31	A. H. Love et al.	Salaries for May	800.20
June 1	Marcus E. Jones	Salary for May	100.00
1	John D. Leiberg	do	150.00
1	Henry H. Brown	Barometers	36.00
2	F. Lamson-Scribner	Salary for May, 1894	213.00
2	E. Morrison Paper Co.	Genus covers	4.00
2	A. Fredholm	Herbarium specimens	12.64
4	Eimer & Amend	Micrometer	2.00
5	Photo-Engraving Co.	Engraving of thistle, etc	90.00
5	H. Lindemann & Sons	Paper	8.25
7	Northern Pacific R. R. Co.	Transportation, Leiberg, April, 1894	40.00
7	Baltimore and Ohio R. R. Co.	Transportation, Leiberg, January, 1894	17.50
8	Z. D. Gilman	Atomizer	1.40
9	Evans & Bartle	Engraving maps, etc	354.00
12	P. & D. Hiser	Flowerpots, etc	3.26
13	Chicago, Milwaukee and St Paul Rwy. Co.	Transportation, Leiberg, April, 1894	11.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
June 16	Cambridge Botanical Supply Co.	Mounting paper.....	\$9.00
16	E. Morrison Paper Co.....	Strawboard	8.50
16	do	Strawboard and binders	4.60
18	Eimer & Amend	Jars, chemicals, etc	33.79
19	E. W. Nelson	Herbarium specimens	15.00
30	John B. Leiberg	Salary, June, 1894	150.00
30	Marcus E. Jones	do	100.00
30	E. Lamson-Scribner et al.	Salaries, June, 1894.....	1,079.80
		Total fourth quarter	5,682.63
		<i>Supplemental.</i>	
July 2	John Macconn	Herbarium specimens	12.00
2	H. N. Patterson	Index cards	16.65
2	Eimer & Amend	Germinating apparatus, etc	222.25
10	Frederick Funston	Salary, May, 1894	185.00
10	do	Salary, June, 1894	185.00
13	Henry J. Green	Thermometer, etc	15.50
16	Z. D. Gilman	Corrosive sublimate	2.40
21	E. Morrison Paper Co.....	Genus covers	5.00
Aug. 1	V. H. Igo	Freight .....	.25
7	Kano Watanabe	Herbarium specimens	83.00
16	Bansch & Lomb Optical Co.	Supplies for seed laboratory	2.75
16	Richards & Co., Limited	Microscopes, etc	53.30
20	Camb. Bot. Sup. Co	Gummed paper	4.17
Sept. 5	Arthur W. Robson	Foreign charges, etc., on seeds	4.50
6	Herman Baumgarten	Numerator	25.00
15	J. M. Holzinger	Services as special agent	200.00
15	P. A. Rydberg	do	200.00
15	Transportation orders		18.43
15	Public Printer		181.77
		Total supplemental	2,416.97

RECAPITULATION.

Total first quarter	\$5,752.07
Total second quarter	5,021.67
Total third quarter	4,305.64
Total fourth quarter	5,682.63
Total supplemental	2,416.97
Total	23,178.98

INVESTIGATING THE HISTORY OF INSECTS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 21	Herman Baumgarten	Stamp	\$1.00
31	Richard S. Lull	Salary for July	84.20
31	E. A. Schwarz et al	Salaries for July	787.80
Aug. 4	Mary E. Muntfeldt	Salary for July	50.00
4	A. S. Packard	do	75.00
4	Washington Gaslight Co	Gas for July .....	.25
5	Albert Koebele	Salary for July	126.40
9	D. W. Coquillet	do	126.40
9	Lawrence Bruner	do	50.00
9	John Schmitt	Insect boxes	110.00
9	Herbert Osborn	Salary for July	50.00
14	Jos. G. Barlow	do	50.00
16	Annie C. Bell, executrix	Photographs	10.50
19	Blake & Co	Pinning forceps	1.50
22	Otoji Takahashi	Salary for July	50.00
22	Adams Express Co	Transportation in July	1.25
24	Woodward & Lothrop	Tarlatan and cotton	5.60
31	Otoji Takahashi	Salary for August	50.00
31	Richard S. Lull	do	84.20
31	E. A. Schwarz et al	Salaries for August	787.80
Sept. 1	Wm. H. Ashmead	Expenses, July and August	77.45
4	A. S. Packard	Salary for August	75.00
4	Herbert Osborn	do	50.00
4	L. O. Howard	Expenses in August, trip to Madison, Wis	65.59
5	Robert Milliken	Expenses in July and August	14.75
5	Mary E. Muntfeldt	Salary for August	50.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

INVESTIGATING THE HISTORY OF INSECTS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 7	Lawrence Bruner	Salary for August	\$50.00
7	Jos. G. Barlow	do	50.00
7	Wyckoff, Seamans & Benedict	Repairs to typewriter	4.56
7	Joseph Matthy	Tin boxes	44.00
7	Z. D. Gilman	Chloroform, etc.	6.00
7	Washington Gaslight Co.	Gas for August	.25
11	Albert Koebel	Expenses in August	37.15
12	Geo. W. Knox Express	Freight on insect boxes	1.14
13	D. W. Coquillett	Salary and expenses, August	134.10
13	John Aerni	Services, August 20 to 31	15.48
15	Foster Lindsay	Salary, September 1 to 15	19.57
26	The Oregon Short Line and Utah Northern Rwy. Co.	Transportation, Milliken, July	13.25
27	United States Express Co.	Transportation, August	.60
28	John Green	Tolles' triplet lens	12.50
30	Albert Koebel	Salary for August	126.40
30	Levitype Co.	Photo-engraving, etc.	3.50
30	E. A. Schwarz et al	Salaries for September	732.54
	Total first quarter.		4,085.73
Oct. 4	Albert Koebel	Salary for September	122.20
4	Herbert Osborn	do	50.00
4	Geo. R. Seiffert	Type cleaners	7.50
5	A. S. Packard	Salary for September	75.00
5	Lawrence Bruner	do	50.00
5	The Oregon Short Line and Utah Northern Rwy. Co.	Transportation, Milliken, August	10.35
5	John Akhurst	Pins	5.00
5	Richard S. Lull	Salary for September	81.60
6	Geo. Ryneal, jr.	Brushes, cardboard, etc.	7.10
7	Mary E. Murtfeldt	Salary for September	50.00
7	Chesapeake and Potomac Telephone Co.	Telephone rent, July 1 to Sept. 30	15.00
9	D. W. Coquillett	Salary for September, and livery, Aug. 2	124.20
9	John Aerni	Salary for September	40.00
9	Jos. G. Barlow	do	50.00
10	Photo-Engraving Co.	Engravings	17.94
11	John C. Parker	Varnish	.60
13	Adams Express Co.	Transportation, August	6.45
17	L. H. Hopkins	Razor	1.50
20	Adams Express Co.	Transportation, September	1.50
28	Photo-Engraving Co.	Plates	11.13
28	Saml. Henshaw	Salary, July 1 to Sept. 30	225.00
31	E. A. Schwarz et al	Salaries for October	813.10
Nov. 2	Richard S. Lull	Salary for October	84.20
3	Washington Gaslight Co.	Gas for October	.25
4	Herbert Osborn	Salary for October	50.00
4	Saml. Henshaw	do	75.00
4	Lawrence Bruner	do	50.00
4	Frank Benton	Expenses for October	40.10
6	Geo. Ryneal, jr.	Bristol board	6.00
8	F. H. Chittenden	Expenses in September	75.25
8	C. V. Riley	Expenses in October	74.37
8	D. W. Coquillett	Salary and expenses, October	158.15
9	Mary E. Murtfeldt	Salary, October	50.00
14	F. H. Chittenden	Expenses, October	50.25
16	L. O. Howard	do	.85
17	John Green	Triplet lens	13.50
18	Z. D. Gilman	Bisulphide carbon, etc.	2.74
24	Frank Benton	Subsistence at Chicago, October	15.25
30	E. A. Schwarz et al	Salaries for November	778.80
Dec 1	John Akhurst	Insect pins	10.00
1	Richard S. Lull	Salary for November	81.60
1	Wyckoff, Seamans & Benedict	Repairs to typewriter	.75
4	Mary E. Murtfeldt	Salary for November	50.00
6	Lawrence Bruner	do	50.00
6	Herbert Osborne	do	50.00
6	John C. Parker	Rollers for letterpress	6.00
9	Hanson Bros.	Electros	1.10
11	D. W. Coquillett	Salary for November	122.20
11	Z. D. Gilman	Quinine bottles	2.40
19	United States Express Co.	Transportation, November	2.70
21	Z. D. Gilman	Quinine bottles	2.68
21	Southern California Rwy. Co.	Transportation, Coquillett, October, 1893	69.23
26	Adams Express Co.	Transportation, November	3.85
30	E. A. Schwarz et al	Salaries for December	813.10
	Total second quarter.		4,565.49

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

INVESTIGATING THE HISTORY OF INSECTS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 2	Richard S. Lull.	Salary, December, 1893	\$84.20
3	Lawrence Bruner	do	50.00
4	Herbert Osborn	do	50.00
5	Mary E. Murtfeldt	do	50.00
5	D. W. Coquillett	Salary and expenses, December, 1893	145.45
5	do	Expressage, October, 1893	41.95
8	H. E. Armstrong & Co.	Awnings, etc	45.00
11	Levyltype Co.	Photo-engraving	12.90
16	Hanson Bros.	Electros .....	.55
18	United States Express Co.	Transportation, October	1.95
23	Adams Express Co.	Transportation, December	4.75
25	Geo. W. Knox express	Hauling and storage	1.25
31	E. A. Schwarz et al.	Salaries for January, 1894	829.80
Feb. 1	D. W. Coquillett	Salary for January, 1894	129.20
1	Saml. Henshaw	Salary for November and December, 1893	150.00
1	Library Bureau	Shelf label holders	1.20
1	Saml. Henshaw	Salary, January, 1894	75.00
2	Washington Gaslight Co.	Gas for December .....	.25
3	Herbert Osborn	Salary for January, 1894	50.00
3	Lawrence Bruner	do	50.00
6	Z. D. Gilman	Soda, etc	2.05
6	J. B. Chamberlain	Photo-engraving	16.50
8	Washington Gaslight Co.	Gas for January .....	.25
10	John Green	Lens	13.50
10	Mary E. Murtfeldt	Salary for January	50.00
13	D. W. Coquillett	Expenses, freight, etc., October	12.94
13	E. Morrison Paper Co.	Genus covers	1.25
14	Jas. L. Barbour & Son	Buhach	1.67
14	J. McL. Dodson	Lime .....	.75
16	John Schmitt	Insect boxes	105.00
19	Mary E. Murtfeldt	Salary, Feb. 1 to 15, 1894	26.78
20	Photo-Engraving Co.	Engraving	7.55
21	Adams Express Co.	Transportation in January	1.10
23	Lawrence Bruner	Salary, Feb. 1 to 15, 1894	26.78
23	United States Express Co.	Transportation in January	1.05
24	W. S. Jenks	Gas stove	1.00
24	Geo. W. Knox Express	Freight on boxes	1.02
26	C. V. Riley	Trip to Norfolk, Va., January, 1894	16.80
27	I. P. Roosa	Duty, etc., on case of cane	2.50
27	W. M. White & Bro.	Galvanized iron .....	.25
27	Williamsburg Cork Co.	Sheets of cork	30.00
28	D. W. Coquillett	Salary for February, 1894	116.40
28	E. A. Schwarz et al.	Salaries for February, 1894	799.40
Mar. 2	Adams Express Co.	Transportation in October	9.70
2	Simpson, Spence & Young, agents.	Freight and duty on case insects	13.85
2	Washington Gaslight Co.	Gas for February .....	.50
3	Whitall, Tatum & Co.	Vials	36.45
3	Herbert Osborn	Salary, Feb. 1 to 15, 1894	26.78
6	Saml. Henshaw	do	40.17
9	John R. Thomas	Labor, Mar. 6 to 8, 1894	3.75
10	Hanson Bros.	Electrotypes	1.75
13	Library Bureau	Index cards	3.20
14	Z. D. Gilman	Chemicals, etc	20.48
19	Woodward & Lothrop	Cotton batting	1.08
20	R. C. M. Burton	Apparatus for fumigating	185.98
24	Geo. Ryneal, Jr.	Supplies for repairing models	5.49
31	Levyltype Co.	Plates	9.05
31	E. A. Schwarz et al.	Salaries for March	869.80
	Total third quarter		4,236.22
Apr. 2	D. W. Coquillett	Salary and expenses, March, 1894	158.00
3	Photo-Engraving Co.	Plates, etc	1.27
6	Z. D. Gilman	Soap, etc	9.50
7	Henry H. Brown	Slides, etc	14.40
9	C. L. Marlatt	Expenses, Mar. 31 and Apr. 1, 1894	4.20
11	Queen & Co., Incorporated	Slide boxes	7.00
11	John Akhurst	Insect pins	3.63
12	R. Shorrock	Photos on wood	1.06
12	Photo-Engraving Co.	Plates, etc	3.25
18	M. W. Boveridge	Kettle and cup	1.05
18	John C. Parker	Mimeograph paper	2.25
21	Wyckoff, Seamans & Benedict	Repairing typewriter	6.75
27	Woodward & Lothrop	Swiss	2.00
30	E. A. Schwarz et al.	Salaries for April, 1894	796.80
May 3	D. W. Coquillett	Salary for April, 1894	123.60
5	Z. D. Gilman	Bottles, etc	6.40
9	Frederick Carl	Frames for nets	6.00
10	John Green	Magnifier	12.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

INVESTIGATING THE HISTORY OF INSECTS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 16	Frederick Carl	Repairing microscope	\$3.00
29	Franklin & Co.	Lens	2.50
29	Woodward & Lothrop	Tarlatan	1.50
29	Geo. J. Mueller	Glucose and pail	1.16
31	E. A. Schwarz et al	Salaries for May	821.40
June 2	D. W. Coquillett	Salary for May	127.80
5	Henry G. Hubbard	Salary, May 3 to 31, 1894	93.55
8	Z. D. Gilman	Chemicals	6.25
9	do	Bottles, etc	4.05
9	Enner & Anend	Jars	12.30
13	C. Schneider	Hose, etc	5.40
16	John Green	Lens	13.50
25	L. H. Schneider's Son	Iron pails, etc	5.65
25	Library Bureau	Index cards	1.60
28	James B. Lambie	Corner irons	.50
30	E. A. Schwarz et al	Salaries for June	788.50
	Total fourth quarter		3,048.32
	Supplemental.		
July 2	Henry G. Hubbard	Salary, June 1 to 15, 1894	50.00
2	do	Expenses in June, 1894	16.50
5	Library Bureau	Index cards	4.80
5	The Denning Co.	Sprayer	12.00
6	Z. D. Gilman	Bottles	.50
6	do	Glass measure	.60
7	Levytype Co	Photo-engraving, etc	10.80
7	do	do	4.30
9	L. O. Howard	Expenses, June, 1894	23.00
10	C. Schneider	Trowels	1.50
14	Hanson Bros.	Electros	.50
17	D. W. Coquillett	Traveling expenses, June, 1894	7.25
21	Sanford and St. Petersburg R. R. Co.	Transportation, H. G. Hubbard, June, 1894	8.10
23	Pennsylvania R. R. Co	do	22.65
27	Wilmarth & Edmondson	Jars, etc	1.37
	Goodyear Rubber Co	Tubing	6.30
14	Henry G. Hubbard	Salary, June 16 to 30, 1894	74.18
14	do	Traveling expenses, June 23 to 30, 1894	19.45
30	Jacksonville, Tampa and Key West Rwy Co.	Transportation, Hubbard, in June, 1894	1.80
	Total supplemental		265.60

RECAPITULATION.

Total first quarter		\$4,085.73
Total second quarter		4,565.49
Total third quarter		4,236.22
Total fourth quarter		3,048.32
Total supplemental		265.60
Total		16,201.36

ORNITHOLOGY AND MAMMALOGY.

Date.	Name.	Nature of payment.	Total.
1893.			
July 20	C. C. Chambers	Traps, etc	\$27.41
21	Charles H. Marsh	Mammals	3.00
21	Big Tom Wilson	do	4.00
21	T. S. Powell	do	8.00
25	Pedro Falavera	do	49.73
27	Elmer R. Edson	do	29.70
31	A. K. Fisher	Expenses in July	28.70
31	W. B. Barrows et al.	Salaries for July	373.50
Aug. 12	Vernon Bailey	Express charges on tents, etc	36.30
2	E. W. Nelson	Salary for July	151.60
2	Clayton E. Stone	Crows' stomachs	1.05
4	J. Ellis McLellan	Salary, July 25 to 31	22.58
4	J. Alden Loring	Salary for July	101.10
4	Vernon Bailey	do	150.00
5	A. G. Wetherby	Mammals	13.80
7	A. K. Fisher	Expenses in July	64.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

ORNITHOLOGY AND MAMMALOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 11	F. F. Crevecoeur	Birds' stomachs	\$68.90
14	F. Stephens	Mammals	3.75
14	H. Alfred Steffen	Alcohol .....	.50
16	B. G. True	do .....	.40
16	F. H. Sturzacker	Specimens of squirrels	2.00
22	Burlington and Missouri River Railroad in Nebraska.	Transportation, Fisher, July	22.34
22	Adams Express Co	Transportation, July	8.80
24	E. A. Goldman	Salary for July	75.80
24	A. K. Fisher	Expenses in August	41.75
28	United States Express Co	Transportation, July	61.35
31	J. Ellis McLellan	Salary for August	100.00
31	J. Alden Loring	do	101.10
31	Vernon Bailey	do	150.00
31	W. B. Barrows et al	Salaries	373.50
Sept. 2	Trautmann, Bailey & Blampey	Plates for Bulletin 5	100.00
2	M. A. Tappan	Wads and shells	5.10
4	Northern Pacific Railroad Co	Transportation, Fisher, July	14.40
5	Ernest E. Thompson	Colored drawings of mammals	50.00
5	Fred W. Koch	Salary, July 10 to 16	22.58
7	W. E. Trail	Mammals	35.25
12	E. A. Goldman	Salary for August	75.80
12	E. W. Nelson	do	151.60
13	C. Hart Merriam	Traveling expenses, New York, Utah, etc., August	35.25
16	do	Expenses in September	45.75
16	Woodward & Lothrop	Batting	3.60
27	United States Express Co	Transportation, August	18.75
30	W. B. Barrows et al	Salaries for September	371.18
	Total first quarter		3,004.17
Oct. 2	Geo. R. Seiffert	Type cleaners	5.00
2	Northern Pacific R. R. Co	Transportation, Fisher, July and August, 1893	10.90
3	E. A. Goldman	Salary for September	73.40
3	E. W. Nelson	do	146.80
3	Vernon Bailey	do	150.00
4	J. Alden Loring	do	97.80
7	Chesapeake & Potomac Tel. Co	Telephone rent, July 1 to Sept. 30	15.00
9	Z. D. Gilman	Forceps	1.50
10	Wm. C. Avery	Mammals	3.00
10	Charles H. Marsh	do	11.50
10	Elmer R. Edson	do	13.05
11	The Norris Peters Co	Photolithographing maps	75.00
13	Adams Express Co	Transportation, August	1.40
16	C. Hart Merriam	Expense in September and October	124.75
17	W. K. Fisher	Mammals	9.70
17	United States Express Co	Transportation, September	30.70
17	J. Ellis McLellan	Salary for September	100.00
17	New York Central and Hudson River R. R. Co	Transportation, Merriam, August	17.18
17	Baltimore and Ohio R. R. Co	do	11.50
20	Wm. C. Avery	Mammals	4.00
24	Elmer R. Edson	do	2.75
28	John Fannin	do	8.00
31	J. Alden Loring	Salary for October	101.00
31	J. Ellis McLellan	do	100.00
31	E. A. Goldman	do	75.80
31	Chas. Albright	Mammal	2.50
31	Vernon Bailey	Salary for October	150.00
31	Great Northern Rwy. Co	Transportation, Fisher, August	7.65
31	W. B. Barrows et al	Salaries for October	390.30
Nov. 1	Wyckoff, Seamans & Benedict	Copyholder and repairs to typewriter	5.11
3	E. W. Nelson	Salary for October	151.60
17	New York Central and Hudson River R. R. Co	Transportation, Merriam, October	5.00
18	Z. D. Gilman	Arsenic	1.80
18	G. H. Ragsdale	Mammals .....	.75
20	Geo. W. Knox Express	Freight and drayage, October	1.34
22	Chicago, Milwaukee and St. Paul Rwy. Co	Transportation, Fisher, August	31.65
22	do	do	10.97
24	Michigan Central R. R. Co	Transportation, Merriam, October	17.18
30	W. B. Barrows et al	Salaries for November	379.40
Dec. 1	E. A. Goldman	Salary, Nov. 1 to 15	36.68
1	Charles H. Marsh	Mammals	16.25
1	Charles Parker	Photographic work	11.00
2	Wm. C. Avery	Mammals	9.75
2	E. A. Goldman	Salary, Nov. 16 to 30	50.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

ORNITHOLOGY AND MAMMALOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 4	Vernon Bailey	Salary for November	\$150.00
5	C. Hart Merriam	Expenses, trip to Boston and return, November, 1893.	30.80
6	F. P. May & Co	Wire	3.60
6	Adams Express Co	Transportation in October	3.70
8	J. Alden Loring	Salary for November	97.80
9	E. W. Nelson	do	146.80
12	G. Onderdonk	Gopher traps	3.00
14	A. G. Wetherby	Mammals	17.00
18	Woodward & Lothrop	Cotton batting	4.50
19	W. E. Trail	Mammals	25.19
19	J. Ellis McLellan	Salary, November, 1893	100.00
19	United States Express Co	Transportation, November, 1893	12.00
21	Z. D. Gilman	Vials and corks	29.25
26	Adams Express Co	Transportation, November, 1893	16.65
30	J. Alden Loring	Salary for December	101.10
30	E. W. Nelson	do	151.60
30	E. A. Goldman	do	100.00
30	W. G. W. Leizear	Birds' stomachs	4.00
30	W. B. Barrows et al	Salaries for December	390.30
	Total second quarter		3,856.05
1894.			
Jan. 3	Vernon Bailey	Salary for December, 1893	150.00
3	R. Brown	Mammals	23.97
5	Wm. C. Avery	do	5.00
5	Z. D. Gilman	Chemicals	10.80
5	F. P. May & Co	Mouse traps	45.00
11	C. C. Chambers	Traps, etc	15.80
11	R. M. Moore	Mammals	10.00
11	R. Brown	do	27.91
16	J. Ellis McLellan	Salary, December, 1893	100.00
18	United States Express Co	Transportation, October, 1893	9.65
18	do	Transportation, December, 1893	16.95
18	M. Abbott Frazer	Mammals	22.00
23	Adams Express Co	Transportation, December, 1893	2.45
25	F. B. Barnard	Mammals	16.00
31	W. B. Barrows et al.	Salaries for January, 1894	397.90
Feb. 1	E. A. Goldman	Salary for January, 1894	100.00
1	E. W. Nelson	do	155.00
1	Vernon Bailey	do	150.00
9	J. Alden Loring	do	103.30
13	Fredk. H. Fowler	Mammal	10.00
14	J. Ellis McLellan	Salary for January	100.00
17	J. L. Hayes	Mammals	1.00
21	Adams Express Co	Transportation in January	6.75
23	United States Express Co	do	10.75
26	B. F. Bush	Mammal	1.00
26	Will C. Colt	Birds' stomachs	.85
27	Thos. B. Wilson	Mammal	2.00
28	J. Alden Loring	Salary for February, 1894	93.40
28	E. A. Goldman	do	100.00
28	E. W. Nelson	do	140.00
28	Vernon Bailey	do	150.00
28	W. B. Barrows et al.	do	333.80
Mar. 3	F. B. Barnard	Mammals	16.00
3	Chas. D. Woodin	Mammal	6.00
6	H. Alfred Steffan	Alcohol	.50
6	Chas. P. Rowley	Salary for February, 1894	100.00
8	J. Ellis McLellan	do	100.00
8	A. E. Colburn	Mammals	17.00
10	C. M. Wegstein	do	7.50
13	F. F. Crevecoeur	Birds' stomachs and mammals	6.10
13	New York Photogravure Co	Photogravure reproductions	350.75
14	Z. D. Gilman	Turpentine and sand	1.25
16	Chas. H. Marsh	Mammals	6.00
16	Geo. W. Knox Express	Freight on case printed matter	1.19
19	Amon R. Shearer	Birds' stomachs	5.65
20	Burlington and Missouri River R. R. in Nebraska.	Transportation Merriam, September, 1893	25.95
20	F. P. May & Co.	Linen thread, etc	7.75
21	Chicago, Rock Island and Pacific Rwy. Co.	Transportation, Merriam, August, 1893	7.25
21	do	Transportation, Fisher, July, 1893	2.09
26	L. R. Trembley	Picture molding	3.90
27	N. V. Randolph & Co	Pasteboard boxes	6.00
31	E. W. Nelson	Salary for March, 1894	155.00
31	E. A. Goldman	do	100.00
	W. B. Barrows et al	Salaries for March, 1894	320.60
	Total third quarter		3,557.76

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

ORNITHOLOGY AND MAMMALOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 2	J. Ellis McLellan	Salary for March, 1894	\$100.00
2	F. Stephens	Mammals	49.70
2	F. P. May & Co.	Hooks, etc	3.15
2	Vernon Bailey	Salary for March, 1894	150.00
3	Houston and Texas Central R. R. Co.	Transportation, Loring, March, 1894	2.20
3	Chas P. Rowley	Salary for March, 1894	100.00
7	A. E. Colburn	Mammals	54.65
7	F. P. May & Co.	Galvanized wire	2.00
7	B. H. Dutcher	Salary, March 15 to 31, 1894	54.84
7	J. Alden Loring	Salary for March, 1894	103.30
11	Chas B. Hudson	Illustration of gopher	10.00
13	A. G. Wetherby	Mammals	25.05
13	F. Stephens	do	33.55
17	L. G. Jameson	do	4.80
17	San Antonio and Aransas Pass Rwy. Co.	Transportation, J. A. Loring, March, 1894	6.90
19	Willard E. Treat	Mammals	9.75
21	Henry C. Bailey	do	1.50
21	A. G. Clarke	do	4.00
23	International and Great Northern R. R. Co.	Transportation, J. A. Loring, March, 1894	1.65
24	R. M. Munroe	Mammal	3.00
24	C. M. Wegstein	Mammals	4.50
27	Charles Barber	Mammal	1.00
28	George Leonard	Coyote skulls	5.00
30	Chas. P. Rowley	Salary for April, 1894	100.00
30	J. Alden Loring	do	98.90
30	E. A. Goldman	do	100.00
30	B. H. Dutcher	do	100.00
30	J. Ellis McLellan	do	100.00
30	E. W. Nelson	do	148.30
30	Jas. A. Connellan et al.	Salaries	180.86
May 1	F. P. May & Co.	Brushes	1.65
1	Vernon Bailey	Salary for April, 1894	150.00
2	Southern Pacific Co. (Atlantic system).	Transportation, Loring, February, 1894	25.26
5	Chas. D. Woodin	Mammals	3.62
10	Gulf, Colorado and Santa Fe Rwy. Co.	Transportation, Loring, March, 1894	1.00
10	H. A. Preble	Mammals	23.10
16	A. K. Fisher	Expenses, May, 1894	38.80
16	C. C. Chambers	Steel traps	47.39
29	Wm. Kraft	Microscope stand, etc	49.75
31	Jas. A. Connellan et al.	Salaries for May	206.80
June 1	B. H. Dutcher	Salary for May	100.00
1	J. Ellis McLellan	do	100.00
1	J. Alden Loring	do	102.20
1	Vernon Bailey	do	150.00
1	D. J. Bretherton	Mammals	36.00
1	C. S. Brimley	do	4.00
2	E. A. Goldman	Salary for May, 1894	100.00
2	E. W. Nelson	do	153.40
2	Easton & Rupp	Cards	7.25
4	International and Great Northern R. R. Co.	Transportation, Loring, May, 1894	1.40
5	Chas. P. Rowley	Salary for May, 1894	100.00
8	Z. D. Gilman	Vials and corks	22.60
9	A. K. Fisher	Expenses in May	7.75
9	Harry C. Jones	Photo-electro types	101.55
13	Mortimer Jesurum	Mammals	18.00
19	C. M. Wegstein	do	10.75
19	F. Stephens	do	75.95
19	George Leonard	do	3.90
21	Chas. A. Allen	do	5.00
25	Woodward & Lothrop	Cotton batting, etc	6.52
30	B. H. Dutcher	Salary for June, 1894	100.00
30	E. A. Goldman	do	100.00
30	J. Alden Loring	do	98.90
30	E. W. Nelson	do	148.30
30	Jas. A. Connellan et al.	Salaries for June, 1894	201.60
	Total fourth quarter		3,856.22
	<i>Supplemental.</i>		
July 2	Baltimore and Ohio R. R. Co.	Transportation, Fisher, May, 1894	45.20
2	J. Ellis McLellan	Salary, June, 1894	100.00
2	Vernon Bailey	do	150.00
5	Miles G. Morris	Bear skull	2.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

ORNITHOLOGY AND MAMMALOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.	<i>Supplemental—Continued.</i>		
July 6	Z. D. Gilman	Arsenic	\$1.80
10	F. P. May & Co.	Traps	40.50
10	A. K. Fisher	Expenses, June, 1894	13.00
12	A. E. McConnell	Drawings	40.00
13	Texas and Pacific Rwy. Co.	Transportation, Fisher, May, 1894	11.60
13	Burlington and Missouri River R. R. in Nebraska	Transportation, Loring, June, 1894	6.50
27	F. B. Barnard	Mammals	12.00
27	Geo. A. Coleman	do	1.50
31	F. Stephens	do	32.80
Aug. 1	Great Northern Rwy. Co.	Transportation, Loring, June, 1894	14.80
9	Berthold Meisel	Copies of plates for North American Fauna, No. 8	337.00
16	George Leonard	Mammal	5.00
16	Atchison, Topeka and Santa Fe R. R. Co.	Transportation, Fisher, June 18, 1894	1.90
16	Northern Pacific R. R. Co.	Transportation, Loring, June 18, 1894	11.70
16	A. G. Weatherby	Mammals	18.10
16	Will C. Colt	Birds' stomachs	1.00
18	Bernard J. Bretherton	Mammals	23.00
18	Transportation orders	.....	126.10
	Total supplemental		995.50

RECAPITULATION.

Total first quarter	\$3,004.17
Total second quarter	3,856.05
Total third quarter	3,557.76
Total fourth quarter	3,856.22
Total supplemental	995.50

Total.

15,269.70

POMOLOGICAL INFORMATION.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	W. P. Corsa et al	Salaries	\$341.40
Aug. 8	T. T. Lyon	Salary	75.80
26	John C. Parker	Paper	38.50
31	W. P. Corsa et al	Salaries	272.95
Sept. 13	T. T. Lyon	Salary and expenses	86.05
30	W. P. Corsa et al	Salaries	295.71
	Total first quarter		1,110.41
Oct. 2	Geo. R. Seiffert	Type cleaner	2.50
6	Geo. Ryneal, jr	Artists' materials, etc	12.86
7	T. T. Lyon	Salary	73.40
9	Z. D. Gilman	Carbon bisulphide, etc	1.50
17	L. H. Hopkins	Hardware, etc	11.13
31	W. P. Corsa et al	Salaries	251.60
Nov. 4	T. T. Lyon	Salary	75.80
6	Geo. Ryneal, jr	Wax	1.80
18	Z. D. Gilman	Gun cotton	3.05
30	W. P. Corsa et al	Salaries	246.80
Dec. 6	T. T. Lyon	Salary	73.40
26	Adams Express Co.	Transportation	1.60
30	W. P. Corsa et al	Salaries	251.60
	Total second quarter		1,007.04
1894.			
Jan. 3	T. T. Lyon	Salary	75.80
5	Geo. Ryneal, jr	Artists' materials	2.42
5	Geo. W. Knox Express	Freight and drayage .....	.85
31	W. P. Corsa et al	Salaries	255.00
Feb. 6	Geo. Ryneal, jr	Paints, etc	3.49
7	T. T. Lyon	Salary	77.50
17	E. Morrison Paper Co.	Paper	1.20
21	do	Binder's board .....	.50
21	Adams Express Co.	Transportation	5.40
23	United States Express Co.	do	3.80
27	The Royal Horticultural Society	Fig cuttings, etc	5.97
28	W. P. Corsa et al	Salaries	240.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

POMOLOGICAL INFORMATION—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 2	John C. Parker	Guide cards	\$10.00
6	T. T. Lyon	Traveling expenses	84.85
10	Theodor Leonhard	Wax	26.12
14	Pennsylvania R. R. Co.	Transportation	17.00
20	Easton & Rupp	Index cards	9.00
23	Ellwanger & Barry	Fruit scions	12.75
31	W. P. Corsa et al	Salaries	251.70
	Total third quarter		1,083.35
Apr. 6	Geo. Ryneal, jr	Glycerine, etc	4.15
7	T. T. Lyon	Salary	77.50
12	Grand Rapids & Ind. R. R. Co	Transportation	16.40
27	Ellwanger & Barry	Express charges	3.85
30	W. P. Corsa et al	Salaries	235.98
May 5	T. T. Lyon	Salary	74.20
21	Geo. Ryneal, jr	Cloth, wax, etc	3.80
31	W. P. Corsa et al	Salaries	232.87
June 2	Easton & Rupp	Cards	6.25
7	T. T. Lyon	Salary	76.60
30	W. P. Corsa et al	Salaries	237.96
	Total fourth quarter		969.56
	<i>Supplemental.</i>		
July 7	T. T. Lyon	Salary	74.20
10	Z. D. Gilman	Gelatine, etc	1.30
16	Geo. Ryneal, jr	Plaster, etc	3.13
	Total supplemental		78.63

RECAPITULATION.

Total first quarter	\$1,110.41
Total second quarter	1,007.04
Total third quarter	1,083.35
Total fourth quarter	969.56
Total supplemental	78.63
Total	4,248.99

MICROSCOPICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 24	L. R. Trembley	Molding	\$4.32
Aug. 4	Geo. Ryneal, jr	Paint, etc	2.50
7	Chas. A. Muddiman	Gas stove	2.40
7	W. H. Butler	Glass	10.55
11	L. R. Trembley	Molding	8.64
Sept. 7	Z. D. Gilman	Jars, etc	50.10
7	do	Chaulmugra oil	3.50
19	Annie C. Bell, executrix	Negatives	50.00
28	Ernest Betz	Galvanized iron, etc.	1.20
	Total first quarter		133.21
Oct. 6	Geo. Ryneal, jr	Artists' materials	8.94
9	Thomas Taylor	Expenses	59.72
13	Adams Express Co.	Transportation	17.30
18	Annie C. Bell, executrix	Negatives	20.00
23	Stecher Lithographic Co.	Plates	95.00
Nov. 1	Wyckoff, Seamans & Benedict	Repairs to typewriter	.50
14	Annie C. Bell, executrix	Negatives	30.00
18	Bausch & Lomb Optical Co.	Slips	3.94
28	W. H. Butler	Glass, etc	19.48
Dec. 11	Bausch & Lomb Optical Co	Mailing cases	.54
12	do	Mailing-case centers	6.48
14	Chas. Fisher	Repairing knives	2.45
14	Queen & Co., Incorporated	Dividers	1.50
16	do	Micrometers	4.90
21	Z. D. Gilman	Silver nitrate, etc	6.34
26	Adams Express Co.	Transportation	2.10
	Total second quarter		279.19

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

MICROSCOPICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 5	Z. D. Gilman	Oil	\$3.50
18	United States Express Co.	Transportation	1.35
18	do	do	1.00
18	James T. Hunter	Negatives	20.00
25	Wyckoff, Seamans & Benedict	Adjusting typewriter	.50
Feb. 1	Bausch & Lomb Optical Co.	Mailing boxes	9.00
6	Z. D. Gilman	Shades	15.69
7	Bausch & Lomb Optical Co.	Slips	10.13
8	James T. Hunter	Negatives	20.00
10	do	do	20.00
21	Adams Express Co.	Transportation	2.00
24	E. J. Pullman	Cardboard	1.30
Mar. 3	J. Baumgarten & Sons	Stamps	.50
6	E. F. Bigelow	Labels	1.00
7	James T. Hunter	Negatives	20.67
14	Z. D. Gilman	Bottles, ammonia, etc.	11.50
19	Thos. W. Smith	Sawdust	.88
23	L. R. Trembly	Molding	5.00
	Total third quarter		144.42
Apr. 3	Moss Engraving Co.	2 reproductions, medical	2.00
6	Z. D. Gilman	Silver nitrate, etc.	3.27
24	Office Specialty Manufacturing Co.	Cabinet cases	10.00
28	Moss Engraving Co.	Plate	3.50
May 1	Sackett & Wilhelms Lithographic Co.	Plates	275.00
15	Z. D. Gilman	Paints	1.60
June 7	Ernest Betz	Faucet, etc.	3.55
	Total fourth quarter		298.92
	Supplemental.		
July 6	Z. D. Gilman	Chemicals, etc.	31.81
19	James T. Hunter	Negatives	20.00
Aug. 3	Sackett & Wilhelms Lithographic Co.	Lithographic copies	210.00
	Total supplemental		261.81

RECAPITULATION.

Total first quarter		\$133.21
Total second quarter		279.19
Total third quarter		144.42
Total fourth quarter		298.92
Total supplemental		261.81
Total		1,117.55

VEGETABLE PATHOLOGY.

Date.	Name.	Nature of payment.	Total.
1893.			
July 20	W. S. Powell & Co.	Ammonia	\$7.00
31	E. F. Smith et al.	Salaries	717.50
Aug. 2	W. T. Swingle	Salary	117.90
2	H. J. Webber	do	101.10
3	J. B. Ellis	do	25.00
4	W. S. Powell & Co.	Potassium	1.96
5	H. J. Webber	Expenses	3.45
5	W. T. Swingle	do	7.86
7	M. B. Waite	do	30.03
7	P. H. Dorsett	do	7.79
19	M. B. Waite	do	13.25
30	Hanson Bros.	Electrotype cuts	12.00
31	W. T. Swingle	Salary	117.90
31	H. J. Webber	do	101.10
31	E. F. Smith et al.	Salaries	724.20
Sept. 4	J. B. Ellis	Salary	25.00
7	B. T. Galloway	Expenses	62.59
7	E. J. Pullman	Chemicals, etc.	1.88

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

VEGETABLE PATHOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 12	Geo. W. Knox Express.....	Freight and drayage.....	\$1.65
15	H. J. Webber.....	Expenses.....	25.01
15	E. J. Pullman.....	Plates.....	.80
19	W. B. Pierce.....	Salary.....	150.00
19	W. D. Kimball.....	Refrigerator.....	12.00
27	United States Express Co.....	Transportation.....	.40
30	E. F. Smith et al.....	Salaries.....	687.80
	Total first quarter.....		2,955.17
Oct. 2	W. S. McClelland.....	Ice.....	2.70
3	W. T. Swingle.....	Salary.....	114.20
3	H. J. Webber.....	do.....	97.80
3	B. T. Galloway.....	Traveling expenses.....	22.03
4	J. B. Ellis.....	Salary.....	25.00
6	Geo. R. Seiffert.....	Type cleaners.....	5.00
10	P. H. Dorsett.....	Expenses.....	9.95
11	N. B. Pierce.....	Salary.....	150.00
11	J. B. Chamberlain.....	Plates.....	2.90
11	John C. Parker.....	Repairing type wheel.....	3.00
12	B. T. Galloway.....	Expenses.....	11.10
13	H. J. Webber.....	do.....	19.31
16	Erwin F. Smith.....	Traveling expenses.....	11.45
20	Nath. Shatswell.....	Salary.....	24.46
28	Wm. E. Clark & Co.....	Tile.....	1.75
28	J. B. Ellis.....	North American Fungi.....	6.00
31	W. T. Swingle.....	Expenses.....	32.75
31	H. J. Webber.....	Salary.....	101.10
31	D. G. Fairchild.....	Expenses.....	13.50
31	E. F. Smith et al.....	Salaries.....	639.79
Nov. 1	Wyckoff, Seamans & Benedict.....	Repairs to typewriter.....	.50
4	E. Morrison Paper Co.....	Herbarium paper.....	11.00
4	J. B. Ellis.....	Salary.....	25.00
6	P. H. Dorsett.....	Expenses.....	8.55
8	Robt. Leitch & Sons.....	Repairs, etc.....	12.39
14	B. T. Galloway.....	Expenses.....	10.31
17	Eimer & Amend.....	Glass dishes.....	3.12
17	H. J. Webber.....	Expenses.....	11.16
17	Erwin F. Smith.....	do.....	36.16
17	M. B. Waite.....	do.....	13.50
21	J. B. Chamberlain.....	Chemicals, etc.....	4.95
22	W. T. Swingle.....	Salary.....	117.90
30	E. F. Smith et al.....	Salaries.....	766.82
Dec. 1	H. J. Webber.....	Salary.....	97.80
1	Wm. H. Ernest.....	Flower pots.....	6.50
2	J. B. Ellis.....	Salary.....	25.00
2	Newton B. Pierce.....	do.....	150.00
2	do.....	do.....	150.00
2	do.....	do.....	8.55
2	do.....	do.....	7.85
2	do.....	do.....	2.95
2	W. T. Swingle.....	Salary.....	114.20
4	J. B. Chamberlain.....	Photographic supplies.....	19.22
4	do.....	do.....	3.30
6	Adams Express Co.....	Transportation.....	1.90
9	Hanson Bros.....	Electros.....	1.75
11	Z. D. Gilman.....	Chemicals, etc.....	14.40
12	Eimer & Amend.....	Platinum wire.....	1.68
14	H. J. Webber.....	Expenses.....	5.81
16	Queen & Co., Incorporated.....	Microtome, etc.....	121.85
19	Bausch & Lomb Optical Co.....	Repairing shutter.....	1.00
19	United States Express Co.....	Transportation.....	8.00
19	Z. D. Gilman.....	Tubes, etc.....	28.60
26	N. B. Pierce.....	Salary.....	150.00
26	F. P. Nickey.....	Hose.....	5.25
30	H. J. Webber.....	Salary.....	101.10
30	W. T. Swingle.....	Salary.....	117.90
30	Geo. B. Forrester.....	Fertilizer.....	40.00
30	Henry H. Brown.....	Bottles, glasses, etc.....	13.70
30	E. F. Smith et al.....	Salaries.....	808.40
	Total second quarter.....		4,381.86
1894.			
Jan. 3	C. L. Shear.....	Book.....	6.00
4	J. B. Ellis.....	Salary.....	25.00
5	W. T. Swingle.....	Expenses.....	45.70
5	H. J. Webber.....	do.....	12.62
11	The Nixon Nozzle and Machine Co.	Pump.....	12.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

VEGETABLE PATHOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 11	P. H. Dorsett	Expenses	\$4.95
11	B. T. Galloway	do	11.05
17	J. B. Chamberlain	Plates	9.77
18	United States Express Co.	Transportation	1.60
20	A. B. Aber	Stoves, etc	13.10
20	do	Meal	8.40
20	L. N. Herrick	Fertilizer	7.50
22	E. J. Pullman	Plates	3.70
23	Adams Express Co.	Transportation	1.25
30	J. B. Chamberlain	Photographic supplies	7.35
31	E. F. Smith et al	Salaries	826.70
Feb. 1	Queen & Co., Incorporated	Thermometer	5.10
1	H. J. Webber	Salary	103.30
1	W. T. Swingle	do	120.60
3	N. V. Randolph & Co.	Pamphlet covers	11.50
3	J. B. Ellis	Salary	25.00
6	Z. D. Gilman	Chemicals	2.00
9	Eimer & Amend	Thermostats, etc	6.10
10	W. S. Powell & Co.	Soap, ammonia, etc	19.00
13	Bausch & Lomb Optical Co.	Lens, etc	46.13
13	The Nichols Chemical Co.	Blue vitriol	15.00
14	W. T. Swingle	Expenses	17.16
19	Bausch & Lomb Optical Co.	Circles	2.45
20	H. J. Webber	Expenses	19.66
21	Adams Express Co.	Transportation	7.50
23	W. S. Powell & Co.	Fertilizer	35.30
23	W. H. Lowdermilk & Co.	Books	9.00
23	United States Express Co.	Transportation	12.35
26	John A. Power & Co.	Greenhouse	102.47
28	H. J. Webber	Salary	93.40
28	W. T. Swingle	Salary	108.80
28	E. F. Smith et al	Salaries	756.60
Mar. 1	J. B. Chamberlain	Photographic apparatus	4.10
2	Gundlach Optical Co.	Globe magnifier	9.00
2	Bausch & Lomb Optical Co.	Achromatic triplet	4.50
3	Powers & Weightman	Potash, etc	4.92
3	J. B. Ellis	Salary	25.00
3	Ulrico Hoepli	Books	6.76
3	P. H. Dorsett	Expenses	6.75
6	Church & Stephenson	Lumber	8.54
6	W. W. Rawson	Soil	3.00
6	Eimer & Amend	Formalin	1.50
8	Easton & Rupp	Shipping tags	4.25
9	Daniel Murray	Labor	13.39
13	Levytype Co.	Photo-engravings	60.00
14	Eimer & Amend	Barium sulphide, etc	3.45
14	John Carbutt	Plates	2.43
14	Rochester Optical Co.	Camera, etc	62.95
14	Z. D. Gilman	Thermometers, etc	26.10
16	Geo. W. Knox Express	Freight and drayage	6.54
21	Levytype Co.	Correcting proofs	4.00
23	F. C. Keys	Manure	3.00
23	R. Shorrock	Reproducing photographs on wood	11.00
26	Albinson & Chase	Copper paraffin bath	31.10
31	E. F. Smith et al	Salaries	950.00
	Total third quarter		3,767.39
Apr. 2	Julien P. Friez	Tubes	13.75
2	H. J. Webber	Salary	103.30
2	do	Expenses	21.00
2	Eimer & Amend	Glass plates, etc	20.95
2	do	Razor	6.00
3	R. Shorrock	Photograph	1.00
3	Queen & Co., Incorporated	Microtome knives	24.75
3	Thomas Woodason	Bellows	2.00
4	P. H. Dorsett	Expenses	24.10
6	Z. D. Gilman	Soda, etc	50.95
9	C. F. Hittinger	Labor	9.10
9	do	do	15.00
9	J. B. Ellis	Salary	25.00
11	Bausch & Lomb Optical Co.	Microtome knives, etc	17.63
12	E. J. Pullman	Photographic supplies	1.95
13	Daniel Murray	Salary	25.00
13	H. J. Webber	Expenses	25.00
13	Arthur Johnston	Services	5.00
13	do	do	15.00
13	do	do	8.00
13	L. S. Chittenden	Flower pots	11.05
13	Newton B. Pierce	Salary	150.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

VEGETABLE PATHOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 13	Newton B. Pierce	Salary	\$150.00
13	do	do	150.00
13	do	do	150.00
13	do	Expenses	8.50
13	do	do	18.50
13	do	do	43.90
13	do	do	20.10
13	Woodward & Lothrop	Felting	8.00
14	Amanda A. Newton	Labor	21.76
18	New York Central and Hudson River R. R. Co.	Transportation	7.96
18	John C. Parker	Library numbers and letters	2.40
19	W. T. Swingle	Salary	120.60
23	Eimer & Amend	Cylinders, etc	14.70
24	E. J. Pullman	Photographic supplies	9.25
27	W. T. Swingle	Expenses	46.80
30	do	Salary	115.40
30	H. G. Webber	do	98.90
30	E. F. Smith et al	Salaries	890.10
May 1	Robt. Leitch & Sons	Repairing pumps, etc	16.27
4	J. B. Ellis	Salary	25.00
4	do	Book	6.00
4	Wm. H. Ernest	Flower pots	7.50
4	P. H. Dorsett	Expenses	8.38
10	Daniel Murray	Labor	25.00
10	Selover & Atwood	Pear trees and packing	27.94
10	E. J. Pullman	Photographic plates	6.30
14	Eimer & Amend	Weights	10.67
14	Powell Fertilizer and Chemical Co.	Fertilizer	4.35
14	C. F. Hittinger	Labor	15.00
16	N. B. Pierce	Salary	150.92
21	L. N. Herrick	Gasoline	19.92
21	H. J. Webber	Expenses	35.05
21	do	do	24.90
24	R. Shorrock	Photographing on wood, etc	5.96
24	Albinson & Chase	Hose, etc	19.00
28	Wm. E. Clark & Co	Potatoes	1.13
29	J. B. Chamberlain	Photograph plates	8.15
29	Henry H. Brown	Glass mugs, etc	13.77
29	B. T. Galloway	Expenses	8.00
31	E. F. Smith et al	Salaries	919.80
June 2	Levitype Co	Photo-engraving	9.00
2	Henry H. Brown	Prints	4.86
2	H. J. Webber	Salary	102.20
5	J. B. Ellis	do	25.00
5	New York and New England R.R. Co.	Transportations	5.20
7	Levitype Co	Illustration	12.00
7	Library Bureau	Binders	4.65
8	The Springer Torsion Balance Co.	Scales	15.50
8	Z. D. Gilman	Supplies	26.96
9	Crosscup & West Engraving Co.	Engraving	40.50
13	Henry H. Brown	Photographic supplies	8.21
13	do	do	4.93
14	H. J. Webber	Expenses	19.61
19	W. S. McClelland	Ice	3.00
19	Daniel Murray	Salary	11.29
19	N. B. Pierce	do	150.00
19	do	Expenses	13.54
19	W. T. Swingle	Salary	119.20
19	do	Expenses	60.92
21	Levitype Co	Plates	56.00
21	Ernest Betz	Condenser	12.00
25	Baltimore and Ohio R. R. Co.	Transportation	11.50
25	A. Zichtl	Pasteboard	1.20
25	Z. D. Gilman	Balance, etc	121.96
30	E. F. Smith et al	Salaries	890.10
	Total fourth quarter		5,539.82
	<i>Supplemental.</i>		
July 2	Levitype Co	Plates	10.00
2	W. T. Swingle	Salary	115.40
2	H. J. Webber	do	98.90
3	C. F. Hittinger	Labor	5.81
3	Gibson Bros	Note books	12.50
5	Bausch & Lomb Optical Co.	Slips, etc	6.08
6	Z. D. Gilman	Chemicals, etc	23.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

VEGETABLE PATHOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1894.			
July 6	Z. D. Gilman	Chemicals	\$4.32
7	J. B. Ellis	Salary	25.00
13	Richards & Co., limited	Bulbs	2.65
14	Richmond and Danville R. R. Co.	Transportation	16.50
16	Otis Gates	Labor	18.33
19	Eimer & Amend	Micro-spectro-photometer, etc.	237.75
23	do	Bottles, etc.	41.49
23	W. T. Swingle	Traveling expenses	12.85
25	N. B. Pierce	Salary	150.00
25	do	Expenses	40.41
27	A. G. Smith	Ice	5.40
Aug. 1	Schaffer & Budenberg	Planimeter	25.17
16	The Chesapeake and Ohio Rwy. Co.	Transportation	14.55
21	M. A. Carlton	Traveling expenses	3.00
Sept. 5	E. F. Smith	Expenses	2.00
5	do	do	6.25
5	Transportation orders		36.50
	Total supplemental		916.66

RECAPITULATION.

Total first quarter	\$2,955.17
Total second quarter	4,381.86
Total third quarter	3,767.39
Total fourth quarter	5,539.82
Total supplemental	916.66

Total 17,560.90

LABORATORY.

Date.	Name.	Nature of payment.	Total.
<i>1893.</i>			
July 27	Wm. H. Ernest	Flower pots	\$5.40
27	E. J. Pullman	Photographic work	.66
31	do	do	1.44
Aug. 4	Washington Gaslight Co.	Gas	18.25
7	United States Electric Lighting Co.	Electric current	5.13
8	Z. D. Gilman	Platinum cylinders	73.68
16	Ernest Betz	Cylinders	28.50
17	Yost Writing Machine Co.	Repairs to typewriter	10.00
24	Woodward & Lothrop	Crash	21.31
25	Z. D. Gilman	Chemicals, etc.	315.16
Sept. 5	United States Electric Lighting Co.	Electric current	4.79
7	Washington Gaslight Co.	Gas	12.00
9	Ernest Kübel	Repairing polariscope tubes	3.00
15	Wyckoff, Seamans & Benedict	Repairs to typewriter	2.41
16	Z. D. Gilman	Thermometers	10.80
16	do	Beakers, etc.	397.45
21	Ansonia Electric Co.	Electrical supplies	39.00
23	Baker & Adamson	Chemicals	21.36
27	United States Express Co.	Transportation	.75
	Total first quarter		971.09
Oct. 4	United States Electric Lighting Co.	Electric current	2.97
4	Geo. R. Seiffert	Type cleaner	2.50
5	Washington Gaslight Co.	Gas	9.25
7	Chesapeake and Potomac Telephone Co.	Telephone rent	15.00
17	John Dugan	Traveling expenses	31.25
Nov. 3	Washington Gaslight Co.	Gas	12.50
4	United States Electric Lighting Co.	Electric current	4.37
16	John Dugan	Traveling expenses	45.50
Dec. 1	do	Expenses	15.00
6	United States Electric Lighting Co.	Electric current	1.85
6	Washington Gaslight Co.	Gas	10.25
6	Adams Express Co.	Transportation	9.00
6	John C. Parker	Index cards	7.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 9	John A. Power & Co.	Lavatory	\$44.00
19	United States Express Co.	Transportation	1.35
26	Adams Express Co.	do	3.80
	Total second quarter		216.09
1894.			
Jan. 3	Royce & Marean	Electrical supplies	20.00
5	John A. Power & Co.	Lavatory	30.60
8	United States Electric Lighting Co.	Electric current	2.90
11	Baker & Adamson	Chemicals	50.50
17	John Fegan	Alcohol	28.15
17	Z. D. Gilman	Flasks, etc	53.15
23	Adams Express Co.	Transportation	1.25
26	Wilmarth & Edmonston	Filter tube	1.00
Feb. 2	Washington Gaslight Co.	Gas	12.75
3	John A. Powers & Co.	Plumbing	53.65
8	Washington Gaslight Co.	Gas	15.00
9	United States Electric Lighting Co.	Electric current	2.57
17	James H. McGill	Cement	6.00
21	Adams Express Co.	Transportation	3.00
24	Geo. W. Knox Express	Freight and drayage	3.16
Mar. 2	John C. Parker	Repairs to typewriter	12.50
2	Washington Gaslight Co.	Gas	14.50
7	United States Electric Lighting Co.	Electric current	2.36
10	Thos. Somerville & Sons	Brass tubes	2.60
14	Z. D. Gilman	Chemicals, etc	32.99
	Total third quarter		346.63
Apr. 2	Royce & Marean	Batteries	4.50
5	Washington Gaslight Co.	Gas	14.75
6	United States Electric Lighting Co.	Electric current	1.86
6	Z. D. Gilman	Rubber caps	3.20
7	John A. Power & Co.	Plumbing	4.50
16	Thos. Somerville & Sons	Repairing	59.80
18	John C. Parker	Mimeograph paper	.90
May 3	Colt's Patent Fire Arms Manufacturing Co.	Repairing engine	5.95
4	Washington Gaslight Co.	Gas	25.00
5	Geo. Ryneal, jr.	Waste	2.13
5	Z. D. Gilman	Chemical apparatus	40.63
9	United States Electric Lighting Co.	Electric current	1.08
16	Eimer & Amend	Objective, etc	28.40
21	Wm. H. Ernest	Flower-pots	2.16
June 2	Pettit & Dripps	Repairing engine	10.00
4	Washington Gaslight Co.	Gas	16.25
11	United States Electric Lighting Co.	Electric current	1.80
12	E. J. Pullman	Photographic supplies	3.15
16	Z. D. Gilman	Chemicals, etc	8.20
25	do	Colorimeter, etc	112.20
25	Z. D. Gilman	Tubing, etc	67.19
	Total fourth quarter		413.65
	<i>Supplemental.</i>		
July 3	Thos. Somerville & Sons	Repairing	4.60
6	Washington Gaslight Co.	Gas	21.50
10	United States Electric Lighting Co.	Electric current	5.54
23	Scovill Manufacturing Co.	Aluminium dishes	20.00
Aug. 8	Easton & Rupp	Paper	6.00
	Total supplemental		57.64

RECAPITULATION.

Total first quarter	\$971.09
Total second quarter	216.09
Total third quarter	346.63
Total fourth quarter	413.65
Total supplemental	57.64
Total	2,005.10

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

RENT OF LABORATORY BUILDING.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 7	J. Harrison Johnson	Rent, July	\$75.00
12	do	Rent, August	75.00
	Total first quarter		150.00
Oct. 6	J. Harrison Johnson	Rent, September	75.00
Nov. 1	do	Rent, October	75.00
Dec. 9	do	Rent, November	75.00
	Total second quarter		225.00
1894.			
Jan. 3	J. Harrison Johnson	Rent, December	75.00
Feb. 7	do	Rent, January	75.00
Mar. 3	do	Rent, February	75.00
	Total third quarter		225.00
Apr. 5	J. Harrison Johnson	Rent, March	75.00
May 1	do	Rent, April	75.00
June 4	do	Rent, May	75.00
	Total fourth quarter		225.00
	Supplemental.		
July 2	J. Harrison Johnson	Rent, June	75.00

RECAPITULATION.

Total first quarter	\$150.00
Total second quarter	225.00
Total third quarter	225.00
Total fourth quarter	225.00
Total supplemental	75.00

Total 900.00

ADULTERATION OF FOOD.

Date.	Name.	Nature of payment.	Total.
1893.			
July 18	T. F. Sanborn	Salary	\$52.17
31	Alex. J. Wedderburn	do	135.45
31	T. C. Trescot et al.	Salaries	823.80
Aug. 15	Alex. J. Wedderburn	Salary	90.80
23	Chas. Cooper & Co	Sulphuric ether	48.83
31	E. E. Ewell et al.	Salaries	503.70
Sept. 16	Z. D. Gilman	Gasoline, etc.	11.85
30	E. E. Ewell et al.	Salaries	492.60
	Total first quarter		2,158.70
Oct. 16	S. H. Apperson	Salary	24.46
18	Library Bureau	Index cases and fittings	12.50
20	Adams Express Co.	Transportation	2.75
31	E. E. Ewell et al.	Salaries	430.91
Nov. 16	Jno. L. Fuelling	Salary	13.04
22	Chas. Cooper & Co	Sulphuric ether	105.35
30	Geo. H. Rockwood et al.	Salaries	180.60
Dec. 6	Adams Express Co.	Transportation	17.35
12	Z. D. Gilman	Bottles, etc.	119.94
30	Geo. H. Rockwood et al.	Salaries	184.70
	Total second quarter		1,091.60
1894.			
Jan. 5	Geo. W. Knox Express	Freight and drayage	6.63
12	H. J. Wheeler	Chondrus crispus, etc.	3.50
17	Z. D. Gilman	Flasks, etc.	27.26
18	United States Express Co.	Transportation	14.55
31	T. C. Trescot et al.	Salaries	406.65
Feb. 14	G. L. Spencer	Food samples	4.40
21	Adams Express Co.	Transportation	2.60
23	United States Express Co.	do	2.10

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

ADULTERATION OF FOOD—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 28	T. C. Trescot et al.	Salaries.....	\$470.00
Mar. 14	Z. D. Gilman	Silver nitrate, etc.....	26.76
14	Ernest Betz	Iron rings, etc.....	5.85
20	Z. D. Gilman	Flasks, etc.....	56.96
31	T. C. Trescot et al.	Salaries.....	575.00
	Total third quarter		1,602.26
Apr. 30	W. D. Bigelow et al	Salaries.....	478.60
May 24	Wm. Jago	Apparatus.....	29.93
31	T. C. Trescot et al	Salaries.....	612.00
June 12	The Gas Appliance Exchange of Washington.	Gas stand.....	7.00
12	do	Condenser.....	5.00
13	Adams Express Co	Transportation.....	31.75
16	Geo. W. Knox Express	do.....	7.09
22	G. L. Spencer	Food samples.....	4.58
25	Z. D. Gilman	Viscosimeter, etc.....	83.09
30	T. C. Trescot et al	Salaries.....	594.00
	Total fourth quarter		1,853.04
	<i>Supplemental.</i>		
July 14	Queen & Co., incorporated	Tubes.....	6.00
19	Geo. W. Knox Express	Freight.....	1.10
Aug. 2	Adams Express Co	Transportation.....	2.60
	Total supplemental		9.70

RECAPITULATION.

Total first quarter	\$2,158.70
Total second quarter	1,091.60
Total third quarter	1,602.26
Total fourth quarter	1,853.04
Total supplemental	9.70

Total 6,715.30

FIBER INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	Chas. R. Dodge et al	Salaries.....	\$269.60
Aug. 31	do	do.....	269.60
Sept. 19	E. J. Pullman	Photographic work.....	2.10
30	Chas. R. Dodge et al	Salaries.....	211.91
	Total first quarter		753.21
Oct. 4	Ernest Betz	Lining box with tin.....	4.50
20	Adams Express Co	Transportation.....	1.55
31	Chas. R. Dodge	Salary.....	168.50
Nov. 30	do	do.....	163.00
Dec. 6	Adams Express Co	Transportation.....	3.60
19	United States Express Co	do.....	1.30
26	Adams Express Co	do.....	2.85
30	Chas. R. Dodge	Salary.....	168.50
	Total second quarter		513.80
1894.			
Jan. 31	Chas. R. Dodge	Salary.....	172.20
Feb. 23	United States Express Co	Transportation.....	.50
28	Chas. R. Dodge	Salary.....	155.60
Mar. 20	Alex. Schmid	Covering parcels.....	2.00
31	Chas. R. Dodge	Salary.....	172.20
	Total third quarter		502.50
Apr. 14	Wm. K. Nottingham	Services.....	18.00
16	W. F. Roberts	Labels.....	6.50
30	Wm. K. Nottingham	Services.....	19.50
30	Chas. R. Dodge	Salary.....	164.80

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 29

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

FIBER INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 15	Wm. K. Nottingham	Services	\$19.50
23	E. Morrison Paper Co.	Tags	.50
31	Chas. R. Dodge	Salary	170.40
June 1	do	Expenses	5.71
30	do	Salary	164.80
	Total fourth quarter		569.71
	Supplemental.		
July 22	A. W. Thornton	Salary	150.00
3	Amanda A. Newton	Wax model	5.00
27	F. W. S. Blanchard	Electrotypes	6.00
Aug. 2	Alex. Schmid	Covering parcels	.25
	Total supplemental		161.25

RECAPITULATION.

Total first quarter	\$753.21
Total second quarter	513.80
Total third quarter	502.50
Total fourth quarter	569.71
Total supplemental	161.25
Total	2,500.47

REPORT ON FORESTRY.

Date.	Name.	Nature of Payment.	Total.
1893.			
July 31	N. H. Egleston et al.	Salaries	\$184.80
Aug. 8	Filibert Roth	Salary	50.00
15	J. B. Johnson	Timber tests	1,426.00
16	John C. Parker	Copying machine and box	32.50
19	Library Bureau	Index cards	4.50
31	N. H. Egleston et al.	Salaries	184.80
Sept. 13	Filibert Roth	Salary	126.40
15	James Pierce et al.	Labor	9.00
19	J. B. Johnson	Timber tests	701.20
19	John E. Henyon	Covering test specimens	7.00
26	Franklin & Co.	Compass, etc.	3.60
27	United States Express Co.	Transportation	.90
30	Chas. Mohr	Test material	147.00
30	N. H. Egleston et al.	Salaries	180.40
	Total first quarter		3,058.10
Oct. 4	Filibert Roth	Salary	122.20
7	J. B. Johnson	Timber tests	914.40
9	Filibert Roth	Shipping, etc.	41.07
10	Chas. Mohr	Salary	375.00
11	Alex. Schmid	Boxes	13.75
12	F. F. Harrington	Services	85.00
13	Adams Express Co.	Transportation	2.25
17	Geo. W. Knox Express	Freight and drayage	89.32
18	Buxton & Skinner	Stationery	20.50
19	Albinson & Chase	Tin tubes	6.00
31	N. H. Egleston	Expenses	46.25
31	N. H. Egleston et al.	Salaries	218.58
Nov. 1	Filibert Roth	Salary	126.40
4	B. E. Fernow	Traveling expenses	55.62
6	F. A. Schneider	Solder	.30
7	Albinson & Chase	Galvanized-iron tubes	10.00
9	Wm. Owens	Services	12.00
9	J. B. Johnson	Timber tests	372.80
13	Joseph Thompson	Froe	1.00
18	Z. D. Gilman	Chemicals	4.70
30	N. H. Egleston et al.	Salaries	212.80
Dec. 2	Filibert Roth	Salary	122.20
2	Christopher Ammon	Set of Forest Object Lesson	87.28
6	J. B. Johnson	Timber tests	1,205.60
6	Adams Express Co.	Transportation	1.20
11	Alex. Schmid	Tubes	3.20
19	Chas. Mohr	Test material	656.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

REPORT ON FORESTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 19	United States Express Co.	Transportation	\$2.85
26	A. L. Johnson	Services	50.00
26	Adams Express Co.	Transportation	1.80
30	Chas. Mohr	Salary	375.00
30	N. H. Egleston et al	Salaries	208.10
	Total second quarter		5,443.42
1894.			
Jan. 3	Filibert Roth	Salary	126.40
5	A. L. Johnson	Services	125.00
5	J. B. Johnson	Timber tests	77.60
5	Geo. W. Knox Express	Freight and drayage	87.03
11	Thos. Somerville & Sons	Steel chuck	2.40
18	United States Express Co.	Transportation	2.85
24	Thos. Meehan & Sons	Free seed	14.25
25	Geo. W. Knox Express	Freight and drayage	4.09
26	Austin Cary	Schedules	56.00
31	N. H. Egleston et al	Salaries	215.60
Feb. 1	Filibert Roth	Salary	129.20
10	Austin Cary	Schedules	90.40
10	A. L. Johnson	Services	130.00
10	J. B. Johnson	Timber tests	1,054.80
13	E. Morrison Paper Co.	Photographic boards	.50
14	Stephenson's Express	Freight	5.67
23	United States Express Co.	Transportation	7.35
28	Filibert Roth	Salary	116.60
28	N. H. Egleston et al	Salaries	195.80
Mar. 3	Barbour & Ross	Hardware	3.30
6	A. L. Johnson	Services	105.00
6	J. B. Johnson	Timber tests	824.40
12	Thos. Broderick et al	Erecting California redwood tree in grounds	130.00
15	Wm. K. Nottingham	Labor	34.50
16	Austin Cary	Test material	80.80
16	B. E. Fernow	Traveling expenses	31.80
22	Easton & Rupp	Stub files	15.00
22	J. C. Addison	Bristol board, etc	1.40
31	Wm. K. Nottingham	Labor	21.00
31	N. H. Egleston et al	Salaries	215.60
	Total third quarter		4,604.34
Apr. 2	Chas. Mohr	Services	375.00
2	Grays Harbor Commercial Co.	Test material	55.88
2	Filibert Roth	Salary	129.20
9	Fred Volz	Timber tests	13.40
9	A. L. Johnson	Services	105.00
9	do	Timber tests	1,062.40
11	J. C. Addison	Freight	119.13
13	Austin Cary	Strawboard, etc.	6.50
13	Edy. S. Schmid	Measuring trees	95.00
13	E. Morrison Paper Co.	White moss	2.25
17	Stephenson's Express	Herbarium paper	5.50
18	J. J. Hoffman	Freight	3.36
20	Geo. W. Knox Express	Measuring trees	100.00
21	Geo. B. Sudworth	Freight and drayage	8.67
23	Heinrich Otto	Expenses	8.62
25	The Wood Worker	Fees	3.75
30	N. H. Egleston et al	Subscription	1.00
May 1	Filibert Roth	Salaries	206.60
5	J. B. Johnson	Salary	123.60
28	Wm. Ballantyne & Sons	Timber tests	640.80
31	N. H. Egleston et al	Tracing cloth	5.90
June 2	Filibert Roth	Salaries	233.54
7	B. E. Fernow	Salary	127.80
9	J. B. Johnson	Traveling expenses	29.02
9	Austin Cary	Timber tests	891.20
9	Chas. Mohr	Timber measurements	200.00
9	A. L. Johnson	Test material	648.75
9	do	Services	125.00
16	Geo. W. Knox Express	do	35.00
20	Chas. Mohr	Freight and drayage	33.37
20	Austin Cary	Test material	97.50
30	N. H. Egleston et al	do	40.00
	Total fourth quarter	Salaries	258.60
			5,791.34

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 31

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

REPORT ON FORESTRY—Continued

Date.	Name.	Nature of payment.	Total.
<i>Supplemental.</i>			
1894 July 3	J. B. Johnson	Freight	\$24.30
3	Buxton & Skinner	Paper	12.50
5	Henry H. Brown	Copper case, etc.	6.35
5	Filibert Roth	Salary	123.60
7	A. L. Johnson	Services	130.00
7	B. E. Fernow	Expenses	30.00
13	J. B. Johnson	Timber tests	114.00
17	Stephenson's Express	Freight	3.43
17	Geo. W. Knox Express	do	68.33
Aug. 2	The Maurice Joyce Engraving Co.	Engraving	9.00
4	Chas. Mohr	Salary	375.00
9	J. B. Johnson	Freight	7.25
Total supplemental			903.76

RECAPITULATION.

Total first quarter	\$3,058.10
Total second quarter	5,443.42
Total third quarter	4,604.34
Total fourth quarter	5,781.34
Total supplemental	903.76

Total 19,800.96

ILLUSTRATIONS AND ENGRAVINGS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	John C. Parker	Remodeling typewriter, etc.	\$71.00
Aug. 22	Adams Express Co.	Transportation	1.15
28	United States Express Co.	do	3.65
Sept. 31	Fred. Reh.	Boxes	6.25
Sept. 20	Hanson Bros.	Electrotypes	1.45
27	United States Express Co.	Transportation	.80
Total first quarter			84.30
Oct. 5	Geo. N. Saegmuller	Micrometer	5.00
5	Adams Express Co.	Transportation	1.35
13	John C. Parker	Stationery	36.75
Dec. 6	do	Stationery, etc	26.90
19	United States Express Co.	Transportation	1.20
Total second quarter			71.20
1894.			
Jan. 3	Standard Engraving Co.	Engraving	7.00
16	Hanson Bros.	Electrotypes	14.40
18	United States Express Co.	Transportation	.95
18	do	do	2.30
30	John C. Parker	Stationery	30.08
Feb. 3	R. Shorrock	Photographing on wood	2.50
23	United States Express Co.	Transportation	2.95
Mar. 2	Fred. A. Schmidt	Paint and ink	1.50
9	Hanson Bros.	Electros	.80
24	Otto Heidemann	Wood engraving	78.75
26	Chas. Fisher	Scissors	3.00
Total third quarter			144.23
Apr. 9	V. Grottenthaler Co.	Rests, etc.	2.50
13	Otto Heidemann	Wood engraving	68.00
18	John C. Parker	Pencils	2.28
23	V. Grottenthaler Co.	Engraving	1.25
May 8	Otto Heidemann	do	70.00
10	Weil & Taws	Chartographic paper	9.50
10	W. H. Veerhoff	Paints	1.98
23	Otto Heidemann	Engraving	40.00
June 5	do	do	18.75
28	Barber & Ross	Tacks	.35
30	Otto Heidemann	Engraving	78.75
Total fourth quarter			293.36

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

ILLUSTRATIONS AND ENGRAVINGS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental.</i>			
1894. July 12	Fred. Reh.	Paper boxes	\$12.00
14	Otto Heidemann	Engraving	20.00
14	Hanson Bros.	Electros .....	.80
25	Otto Heidemann	Engraving	25.00
	Total supplemental		57.80

RECAPITULATION.

Total first quarter	\$84.30
Total second quarter	71.20
Total third quarter	144.23
Total fourth quarter	293.36
Total supplemental	57.80
Total.....	650.89

PURCHASE OF VALUABLE SEEDS.

Date.	Name.	Nature of payment.	Total.
1894.			
July 15	A. E. Marschalk et al.	Labor	\$387.75
25	Edw. S. Schmid	Bulbs	116.00
27	Z. De Forest Ely & Co.	Seed	750.00
31	A. E. Marschalk et al.	Labor	369.75
31	E. S. Harnden et al.	do	726.00
Aug. 2	E. S. Harnden	Expenses	52.54
4	Washington Gaslight Co.	Gas	25.50
9	Geo. W. Knox Express	Freight	12.50
14	Z. De Forest Ely & Co.	Seeds	1,550.00
14	Pennsylvania R. R. Co.	Transportation	6.50
15	Julia D. Daniels	Paper bags	3.12
15	A. E. Marschalk et al.	Labor	364.50
18	Z. De Forest Ely & Co.	Seed	500.00
18	Joseph E. Holland	do	500.00
21	Aretas Hall	Labor	38.70
22	Rome, Watertown and Ogdensburg R. R., New York Central and Hudson River R. R. Co., lessee.	Transportation	4.57
22	New York Central and Hudson River R. R. Co.	do	15.88
30	United States Express Co.	do	10.90
31	A. E. Marschalk et al.	Labor	375.00
31	E. S. Harnden et al.	do	769.57
31	A. E. Eaton et al.	Gas	180.10
Sept. 7	Washington Gaslight Co.	Freight	28.25
12	Geo. W. Knox Express	Freight and drayage	55.68
12	E. S. Harnden	Traveling expenses	117.30
13	New York and New England R. R. Co.	Transportation	5.00
15	A. E. Marschalk et al.	Labor	689.25
16	John C. Parker	Seed bags	945.00
16	M. A. Cotttingham	Labor	1.50
19	Pennsylvania R. R. Co.	Transportation	6.50
21	Burlington and Missouri River R. R. in Nebraska.	do	6.15
21	Cleveland Seed Co.	Seed	2,155.00
22	Toledo, Ann Arbor and North Michigan R. R. Co.	Transportation	1.05
25	Michigan Central R. R. Co.	do	1.15
25	Wm. Elliott & Sons	Seed	50.00
27	Polman Mooy	Bulbs	1,333.00
30	Chicago and Northwestern R. R. Co.	Transportation	4.87
30	A. E. Marschalk et al.	Labor	738.33
30	E. S. Harnden et al.	do	908.01
30	A. E. Eaton et al.	do	177.30
	Total first quarter		13,977.21
Oct. 2	F. Barteldes & Co.	Seed	150.00
2	The Wabash R. R. Co.	Transportation	5.50
2	Tice & Lynch	Freight	88.98

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

PURCHASE OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
Oct. 3	E. S. Harden	Traveling expenses	\$7.10
5	Washington Gaslight Co.	Gas	22.00
6	Polman Mooy	Bulbs	132.00
7	Chicago and Grand Trunk Rwy. Co.	Transportation	12.06
7	Chesapeake and Potomac Telephone Co.	Telephone rent	15.00
10	Baltimore and Ohio R. R. Co.	Transportation	14.25
10	J. M. Thorburn & Co.	Seed	700.00
10	Tice & Lynch	Cleaning, etc., bulbs	10.14
12	T. W. Wood & Sons.	Oats	22.50
13	Atchison, Topeka and Santa Fe R. R. Co.	Transportation	6.20
13	Northrup, Braslan and Goodwin Co.	Seed	8,662.00
13	do	do	725.00
16	S. P. Conner	Labor	19.35
17	Geo. W. Knox Express	Freight and drayage	182.02
17	United States Express Co.	Transportation	8.60
17	Chicago, Burlington and Quincy R. R. Co.	do	7.00
17	Milwaukee, Lake Shore and Western Rwy. Co.	do	2.32
17	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do	11.05
17	Geo. W. Knox Express	Freight	25.50
18	F. Barteldes & Co.	Seed	300.68
21	Alex. Schmid	Mailing boxes	62.50
23	D. I. Bushnell & Co.	Seed	375.00
24	John C. Parker	Seed bags	760.30
24	do	Shipping tags	8.00
28	Francis Miller	Glue .....	.80
28	John C. Parker	Seed bags	2,450.00
28	S. C. Lamkin	Seed	135.00
31	Alex. C. Campbell et al.	Labor	1,728.94
31	J. L. Dunbar et al.	do	1,785.76
31	L. M. Trevitt et al.	do	1,083.72
31	L. B. Da Vega et al.	do	879.78
31	Emma Robinson et al.	do	485.04
31	Cora G. Boggs	do	9.03
31	New York, New Haven and Hartford R. R. Co.	Transportation	5.00
31	E. S. Harnden et al.	Labor	781.36
31	A. E. Eaton et al.	do	180.10
31	Washington Gaslight Co.	Gas	20.25
4	D. I. Bushnell & Co.	Seed	172.21
4	Francis Brill	do	2,160.00
4	A. E. Marschalk	Labor	5.33
6	Odie A. King	do	4.00
8	Francis Brill	Seed	50.00
8	Johnson, Robbins & Co.	do	800.00
11	Ernest Betz	Boiling tank, etc	23.00
13	The Cleveland Seed Co.	Seed	877.50
17	Robert Buist, jr.	Seed and bags	323.00
18	J. B. Hammond	Tags	50.00
18	Johnson, Robbins & Co.	Seed	276.40
20	Geo. W. Knox Express	Transportation	579.10
21	Z. De Forest Ely & Co.	Seed	77.60
22	F. Barteldes & Co.	do	56.50
24	Northrup, Braslan & Goodwin Co.	do	965.00
24	do	do	1,322.50
24	do	do	330.00
24	D. M. Ferry & Co.	do	1,300.00
25	Stephenson's Express	Freight	30.00
28	John C. Parker	Seed pockets, etc	336.60
30	E. S. Harnden, et al.	Labor	762.68
30	John W. Buchanan, et al.	do	1,298.53
30	Anna Meredith, et al.	do	975.77
30	A. M. Gassaway, et al.	do	1,119.80
30	E. E. Burns, et al.	do	1,054.45
30	M. H. Wallace, et al.	do	445.22
30	A. E. Eaton, et al.	do	177.30
Dec. 6	The Cleveland Seed Co.	Seed	200.00
6	Johnson, Robbins & Co.	do	403.75
6	The Cleveland Seed Co.	do	432.00
6	Washington Gaslight Co.	Gas	18.50
6	Polman Mooy	Bulbs	39.10
9	Tice & Lynch	Freight, etc	7.64
11	B. W. Hawkins	Seed	150.00

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

PURCHASE OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 11	Northrup, Braslan & Goodwin Co.	Seed	\$540.00
11	do	do	430.00
11	do	do	885.00
11	J. Baumgarten & Sons	Rubber stamp	2.25
13	Northrup, Braslan & Goodwin Co.	Seed	2,292.00
13	do	do	610.00
13	do	do	400.00
13	do	do	41.25
14	Roy C. Woodside	Labor	9.08
16	C. W. Collins & Bro.	Seed	100.00
16	E. S. Harnden	Expenses	7.80
18	Northrup, Braslan & Goodwin Co.	Seeds	1,590.00
18	do	do	545.00
19	Pennsylvania Co	Transportation	13.50
19	Lake Shore and Michigan Southern Rwy. Co.	do	7.00
19	do	do	7.00
19	United States Express Co	do	11.40
28	Easton & Rupp	Twine	129.38
30	E. S. Harnden et al	Labor	746.26
30	Jno. W. Buchanan et al	do	1,727.69
30	Leelia Bullard et al	do	1,819.31
30	E. P. Fouquet et al	do	1,807.71
30	Regina Marceron et al	do	1,803.81
30	Annie A. Wade et al	do	904.48
30	Alice Welch	do	16.12
30	A. E. Eaton et al	do	180.10
	Total second quarter		55,334.40
1894.			
Jan. 2	J. O. Williams	Labor	7.74
3	Adele Young	do	1.29
5	Geo. W. Knox Express	Freight	254.71
5	do	do	401.69
5	John C. Parker	Seed bags, etc	1,368.00
15	W. L. Titus	Labor	9.08
16	W. A. Killingsworth	Seed	61.00
16	O. Palmer	do	71.96
16	Atlee Burpee & Co	do	600.00
16	Hallowell F. Lince	do	347.70
16	Jerome B. Rice & Co	do	230.00
16	The Cleveland Seed Co	do	490.00
16	do	do	375.00
16	Z. DeForest Ely & Co	do	175.40
16	do	Oats, etc	38.45
16	do	do	35.65
16	Northrup, Braslan & Goodwin Co.	Seed	297.00
16	do	do	336.00
16	do	do	732.00
16	do	do	205.00
16	do	do	300.00
16	do	do	832.50
16	do	do	306.00
16	do	do	727.50
16	do	do	162.50
16	do	do	90.00
17	James A. Peterkin	do	37.50
17	Marion Suit	Labor	5.00
18	United States Express Co.	Transportation	18.80
18	Pennsylvania R. R. Co	do	4.00
18	R. L. Ragland Seed Co	Seed	443.25
22	T. W. Wood & Sons	do	22.50
22	D. W. Cross	do	30.00
22	R. W. Drake	do	37.50
22	Z. De Forest Ely & Co	do	165.40
22	D. M. Ferry & Co	do	875.00
22	G. M. Robertson	do	150.00
23	The Brown Bag-Filling Machine Co.	Rent of bag-filling machine	250.50
25	Geo. W. Knox Express	Freight and drayage	929.54
31	E. S. Harnden et al	Labor	701.60
31	John W. Buchanan et al	do	1,376.63
31	John D. Sells et al	do	288.96
31	A. E. Eaton et al	do	182.10
Feb. 1	Alexander Drug and Seed Co	Seed, etc	27.40
1	The Cleveland Seed Co	do	50.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

PURCHASE OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 1	Peter Henderson & Co.	Seed, etc.	\$30.00
1	F. Barteldes & Co.	do	74.80
1	The Nebraska Seed Co.	do	288.50
1	Northrup, Braslan & Goodwin Co.	do	499.25
1	do	do	224.00
1	do	do	213.00
1	do	do	105.00
1	do	do	69.00
1	Phil. Stimmel	do	2,253.70
1	do	do	1,443.34
1	do	do	1,048.46
1	do	do	330.13
1	do	do	300.00
1	do	do	707.00
1	do	do	425.00
3	F. Barteldes & Co.	do	75.00
3	J. M. Thorburn & Co.	do	205.00
7	Geo. W. Truitt	do	100.00
8	Washington Gaslight Co.	Gas	10.50
9	Francis Miller	Glue	.80
14	Northrup, Braslan & Goodwin Co.	Seed	1,550.10
16	J. M. Thorburn & Co.	do	60.20
16	Northrup, Braslan & Goodwin Co.	do	35.00
17	J. C. Vaughan	Seed, etc	89.30
19	Thomas Somerville & Sons	Repairing machine	1.30
20	Wm. P. Brooks	Seed	10.00
21	E. Morrison Paper Co.	Files	1.40
23	Baltimore and Ohio R. R. Co.	Transportation	4.00
23	United States Express Co.	do	3.70
24	Geo. W. Knox Express	Freight and drayage	246.07
26	A. A. Denton	Seed	1.20
28	E. S. Harnden et al	Labor	636.80
28	L. D. Addis et al	do	1,795.69
28	M. S. Quantrell et al	do	502.80
28	E. M. Gillespie et al.	do	1,702.80
26	M. L. McElwee	do	21.42
28	A. E. Eaton et al	do	173.30
Mar. 2	Washington Gaslight Co.	Gas	7.75
7	Francis Miller	Glue	1.20
14	Northrup, Braslan & Goodwin Co.	Seeds	92.00
14	do	do	61.25
14	do	do	35.00
14	do	do	23.00
14	Z. D. Gilman	Glue	25.00
14	Ernest Betz	Tin cups and pans	1.60
15	L. D. Addis	Labor	19.35
16	Geo. W. Knox Express	Freight and drayage	53.82
19	Frost & Co.	Cuttings	20.00
22	J. T. Lovett	Strawberry plants, etc	48.17
27	Washington Gaslight Co.	Gas	21.25
30	L. A. Salomon & Bro.	Dextrine	24.31
30	F. Barteldes & Co.	Seed and bags	84.45
30	do	do	37.35
31	R. L. Ragland Seed Co.	do	45.00
31	Peter Henderson & Co.	do	18.00
31	E. S. Harnden et al	Labor	701.60
31	Jno. W. Buchanan et al	do	1,771.60
31	H. A. Snyder et al	do	806.42
31	Ida F. Daké et al	do	1,825.78
31	A. E. Eaton et al	do	182.10
Dec. 12	P. I. Perckmanns	Peach trees	9.60
	Total third quarter		35,114.46
Apr. 3	T. K. Godbey	Seed	9.00
3	Edward Atkins	do	1.00
3	L. A. Salomon & Bro.	Dextrin	24.31
3	Northrup, Braslan & Goodwin Co.	Seed	693.50
3	do	do	439.25
3	do	do	187.50
3	do	do	24.50
3	do	do	24.00
7	John C. Parker	Seed pockets	800.00
11	Peter Henderson & Co.	Seed	28.00
11	T. S. Hubbard Co.	Grape cuttings	150.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

PURCHASE OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 11	I. Planta & Co.	Seed	\$162.03
11	J. M. Thorburn & Co.	do	227.20
11	Northrup, Braslan & Goodwin Co.	do	350.00
11	Robert Buist, jr.	do	1,161.80
11	Orndorff & Truxton	do	12.00
16	Jno. W. Buchanan et al.	Labor	915.99
16	Olive E. Pitcher et al.	do	629.32
16	Ida F. Drake et al.	do	911.98
18	John C. Porker	Paper, etc.	151.75
20	J. B. Hammond	Tags	25.00
20	Geo. W. Knox Express	Freight and drayage	30.44
24	United States Express Co.	Transportation	15.00
27	The Cleveland Seed Co.	Seed	20.40
27	D. M. Ferry & Co.	do	53.50
27	do	do	49.50
27	J. M. Thorburn & Co.	do	430.20
27	Orndorff & Truxton	do	50.00
30	Jno. W. Buchanan et al.	Labor	200.00
30	E. S. Harnden et al.	do	605.31
30	A. E. Eaton et al.	do	178.10
May 5	Z. D. Gilman	Glue	25.00
10	Francis Miller	do	1.20
14	D. I. Bushnell	Seed	420.00
23	Geo. G. Dillard	do	9.77
28	Edw. S. Schmid	Bulbs	24.00
28	The Cleveland Seed Co.	Seed	10.20
28	D. M. Ferry & Co.	do	110.25
28	do	do	38.50
31	E. S. Harnden et al.	Labor	479.60
31	A. E. Eaton et al.	do	181.30
June 7	H. R. Hess	Grape cuttings	9.75
30	E. S. Harnden et al.	Labor	465.20
30	A. E. Eaton et al.	do	178.10
	Total fourth quarter		10,513.45
	<i>Supplemental.</i>		
July 13	The Brown Bag-Filling Machine Co.	Rent of bag-filling machine	250.00

RECAPITULATION.

Total first quarter	\$13,977.21
Total second quarter	55,334.40
Total third quarter	35,114.46
Total fourth quarter	10,513.45
Total supplemental	250.00
Total.	115,189.52

SEEDS, PRINTING, LABOR, ETC.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	Frank Helmick et al.	Labor	\$8397.40
Aug. 4	Geo. Ryneal, jr.	Danforth fluid	.75
7	W. C. Newton & Co.	Rollers	2.50
31	Frank Helmick et al.	Labor	400.71
Sept. 5	W. C. Newton & Co.	Printers' supplies	56.10
28	do	Electros	10.00
30	Frank Helmick et al.	Labor	341.01
	Total first quarter		1,208.47
Oct. 21	J. H. Mills & Co.	Ink	.75
31	Frank Helmick et al.	Labor	357.00
Nov. 8	W. C. Newton & Co.	Rollers, etc.	5.25
30	Frank Helmick et al.	Labor	346.93
Dec. 2	W. C. Newton & Co.	Ink	4.50
12	do	Ink, etc	8.25
30	Geo. D. Skinner et al.	Labor	367.46
	Total second quarter		1,090.14

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 37

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

SEEDS, PRINTING, LABOR, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 5	Geo. Ryneal, jr.	Danforth fluid	\$0.75
11	W. C. Newton & Co.	Printers' supplies	4.20
13	James F. Corridon	Labor	14.67
31	Geo. D. Skinner et al	do	355.67
Feb. 9	W. C. Newton & Co.	Printers' supplies	17.20
28	Geo. D. Skinner et al	Labor	348.60
Mar. 1	J. H. Mills & Co	Ink	1.25
2	John C. Parker	Paper	34.00
13	W. C. Newton & Co.	Rollers	2.50
17	J. H. Mills & Co	Ink	2.50
24	Geo. Ryneal, jr.	Danforth fluid	.75
31	Geo. D. Skinner et al	Labor	344.40
	Total third quarter		1,126.49
Apr. 6	Geo. Ryneal, jr.	Danforth fluid	.75
11	W. C. Newton & Co.	Rollers	1.50
30	Geo. D. Skinner et al	Labor	323.13
May 15	W. C. Newton & Co.	Cement	1.20
31	Geo. D. Skinner et al	Labor	340.40
June 4	Geo. Ryneal, jr.	Danforth fluid	.75
18	W. C. Newton & Co.	Printers' supplies	6.90
30	Geo. D. Skinner, et al	Labor	367.70
	Total fourth quarter		1,042.33
	<i>Supplemental.</i>		
July 16	W. C. Newton & Co.	Ink, etc.	6.00
	Geo. Ryneal, jr.	Danforth fluid	.75
Aug. 2	Easton & Rupp	Paper	1.20
	Total supplemental		7.95

RECAPITULATION.

Total first quarter		\$1,208.47
Total second quarter		1,090.14
Total third quarter		1,126.49
Total fourth quarter		1,042.33
Total supplemental		7.95

Total 4,475.38

DOCUMENT AND FOLDING-ROOM.

Date.	Name.	Nature of payment.	Total.
1893.			
July 21	Herman Baumgarten	Repairing stamps	\$2.50
Aug. 18	John C. Parker	Paper and envelopes	446.40
Sept. 9	do	Envelopes	741.33
	Total first quarter		1,190.23
Nov. 28 1894.	John C. Parker	Paper	206.25
Mar. 26	do	Envelopes	266.33

RECAPITULATION.

Total first quarter		\$1,190.23
Total second quarter		206.25
Total third quarter		266.33
Total		1,662.81

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

EXPERIMENTAL GARDENS AND GROUNDS—MISCELLANEOUS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 18	Chris. Hayes	Packing moss	\$40.00
18	N. Studer	Roses	81.00
27	Robert Leitch & Sons	Hose, etc	126.30
28	Chris. Hayes	Packing moss	60.00
31	J. P. Brass	Sand	20.00
31	B. C. Saunders et al.	Salaries	405.07
Aug. 4	Hugh Reilly	Oil, etc	46.76
5	Clark Bros.	Roses	76.00
7	Church & Stephenson	Lumber	39.99
7	Wm. E. Clark & Co	Lawn mowers, etc	78.61
9	Chris. Hayes	Packing moss	50.60
16	Ernest Betz	Watering pots	15.00
31	B. C. Saunders et al.	Salaries	246.20
Sept. 4	Jno. D. Spreckles & Bros	Freight	7.50
6	Wm. E. Clark & Co	Baskets	7.00
7	Z. D. Gilman	Paris green	.50
21	E. G. Gummeil	Broken granite	56.25
22	A. J. Wedderburn & Co	Fertilizer	90.00
27	E. J. Shumate	Freight	5.10
30	B. C. Saunders et al.	Salaries	237.60
	Total first quarter		1,688.88
Oct. 2	E. N. Gray & Co	Boiler plate	62.50
5	C. J. Ortlip	Gravel	87.50
6	Church & Stephenson	Lumber	85.83
11	John C. Parker	Copy holder	2.50
12	The Herendeen Manufacturing Co.	Boiler	353.33
17	L. H. Hopkins	Hardware	13.80
18	H. L. Cranford	Repairing asphalt roadways, etc	875.61
20	Adams Express Co	Transportation	2.35
21	Wm. E. Clark & Co	Rakes	1.70
31	James Cochran	Repairs, etc	9.10
31	B. C. Saunders et al.	Salaries	318.20
Nov. 1	Thos. Somerville & Sons	Hardware, etc	29.76
1	Joseph F. Collins	Building coal vault, etc	267.27
7	Church & Stephenson	Lumber	27.79
20	John A. Power & Co	Plumbing	58.25
20	Geo. W. Knox Express	Freight and drayage	12.69
22	Ernest Betz	Plumbing	89.22
30	B. C. Saunders et al.	Salaries	315.60
Dec. 1	Chris. Hayes	Soil	18.00
1	Alex. Schmid	Boxes	15.00
16	Hugh Reilly	Glass, etc	66.70
16	Church & Stephenson	Lumber	23.58
20	Wm. E. Clark & Co	Shears, etc	12.35
26	Adams Express Co	Transportation	2.25
30	Paul Hiser & Bro	Flower pots	11.00
30	B. C. Saunders et al.	Salaries	318.20
	Total second quarter		3,080.08
1894.			
Jan. 5	Murray & Barker	Shoeing horses	26.00
8	Elizabeth Flynn	Manure	14.00
11	J. J. Pollexfen	Fumigators	1.25
12	L. H. Hopkins	Copper wire	15.00
17	Edw. S. Schmid	Labeling plants	30.00
17	James Cochran	Repairing cart, etc	30.70
25	Geo. W. Knox Express	Freight	.95
30	Wm. A. Gaskins	Feed	110.45
31	B. C. Saunders et al.	Salaries	329.10
Feb. 1	H. L. Cranford	Foundation for California redwood tree	488.90
3	John A. Power & Co	Repairing steam pipes, etc	9.90
6	Hugh Reilly	Painters' materials	35.59
10	W. B. Groat	Tobacco stems	27.20
16	Garrett & Buchanan	Paper	29.75
28	B. C. Saunders et al.	Salaries	293.80
Mar. 6	Hugh Reilly	Paints, etc	35.62
6	Church & Stephenson	Lumber	6.32
17	J. P. Brass	Sand	12.00
31	B. C. Saunders et al.	Salaries	329.10
	Total third quarter		1,825.63
Apr. 5	Paul Hiser & Bro	Flower pots	25.25
6	Hugh Reilly	Painting	13.32
11	L. H. Hopkins	Hardware	2.60
19	A. S. Graham	Lawn sprinkler	15.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

EXPERIMENTAL GARDENS AND GROUNDS—MISCELLANEOUS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 30	B. C. Saunders et al.	Salaries	\$307.40
May 1	Wm. H. Ernest	Flower pots	15.00
5	Hugh Reilly	White lead, etc	20.34
5	Robert Leitch & Sons	Hose	102.00
10	Peter Henderson & Co.	Lawn mowers	101.10
28	H. P. Kelsey	Plants	7.30
31	B. C. Saunders et al.	Salaries	325.20
June 9	Wm. E. Clark & Co	Kainit, etc	25.50
9	Z. D. Gilman	London purple	1.00
16	Church & Stephenson	Lumber	85.48
30	B. C. Saunders et al.	Salaries	313.40
		Total fourth quarter	1,359.89
		<i>Supplemental.</i>	
July 3	Clark Bros.	Roses	30.00
7	Kramer & Lacey	do	72.00
10	Wm. R. Ernest	Flowerpots	22.00
12	W. A. Pate	Repairs, etc	10.10
13	Church & Stephenson	Lumber	15.00
Aug. 8	H. L. Cranford	Additional base for redwood tree	40.13
17	J. R. Freeman	Roses	27.00
		Total supplemental	216.23

RECAPITULATION.

Total first quarter		\$1,688.88
Total second quarter		3,080.08
Total third quarter		1,825.63
Total fourth quarter		1,359.89
Total supplemental		216.23

Total 8,170.71

EXPERIMENTAL GARDENS AND GROUNDS—LABOR.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	James K. Kerr et al	Salaries	\$1,532.50
Aug. 31	do	do	1,553.46
Sept. 30	do	do	1,535.00
		Total first quarter	4,620.96
Oct. 16	Edw. Scanlon	Salary	31.30
31	James K. Kerr et al	Salaries	1,512.30
Nov. 30	do	do	1,465.40
Dec. 30	do	do	1,530.89
		Total second quarter	4,539.89
1894.			
Jan. 31	James K. Kerr et al	Salaries	1,593.40
Feb. 28	do	do	1,458.20
Mar. 31	do	do	1,564.10
		Total third quarter	4,595.70
Apr. 30	James H. Kerr et al	Salaries	1,470.50
May 31	do	do	1,592.68
June 30	do	do	1,626.42
		Total fourth quarter	4,689.60

RECAPITULATION.

Total first quarter		\$4,620.96
Total second quarter		4,539.89
Total third quarter		4,595.70
Total fourth quarter		4,689.60

Total 18,446.15

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

MUSEUM.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	Henry Winckelmann et al.	Salaries	\$232.20
Aug. 4	Washington Gaslight Co.	Gas	4.00
31	Henry Winckelmann et al.	Salaries	196.95
Sept. 7	Washington Gaslight Co.	Gas	4.00
25	Mary Gillespie	Salary	40.76
30	W. F. Tomlinson et al.	Salaries	146.60
	Total first quarter		624.51
Oct. 5	Washington Gaslight Co.	Gas	4.50
31	W. F. Tomlinson et al.	Salaries	147.20
Nov. 3	Washington Gaslight Co.	Gas	9.25
30	W. F. Tomlinson et al.	Salaries	139.10
Dec. 30	do	do	153.44
	Total second quarter		453.49
1894.			
Jan. 9	Wm. Bennewate	Services	18.20
9	Peter Lonzion	do	22.40
12	O. W. Kappelmann & Co	Brass plate	10.00
20	G. B. Brackett	Services	160.00
26	Wm. K. Nottingham	do	20.25
31	W. F. Tomlinson et al.	Salaries	202.90
Feb. 16	Wm. K. Nottingham	Services	15.00
24	Geo. W. Knox Express	Freight	2.42
28	W. F. Tomlinson et al.	Salaries	212.20
Mar. 16	Geo. W. Knox Express	Freight and drayage	1.00
24	Johnson & Luttrell	Cotton, etc	2.90
31	W. F. Tomlinson et al.	Salaries	235.90
	Total third quarter		903.17
Apr. 20	Geo. W. Knox Express	Drayage	1.00
23	F. P. May & Co	Hardware	1.45
27	Woodward & Lothrop	Ribbon	5.60
27	Ernest Betz	Tin plates	4.00
30	W. F. Tomlinson et al.	Salaries	243.40
May 31	do	do	274.20
June 30	do	do	266.40
	Total fourth quarter		796.05
	<i>Supplemental.</i>		
July 5	James Hobson	Wire mountings	10.00

RECAPITULATION.

Total first quarter	\$624.51
Total second quarter	453.49
Total third quarter	903.17
Total fourth quarter	796.05
Total supplemental	10.00

Total

2,787.22

FURNITURE, CASES, AND REPAIRS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 27	L. H. Schneider's Son	Keys, etc	\$5.00
31	Geo. A. Carter et al.	Salaries	300.00
Aug. 2	Chas. E. Selby	Repairing chair	2.50
3	Craig & Harding	Hatrack, etc	7.25
4	Hugh Reilly	Glass	3.25
4	Geo. Ryneal, jr	do	1.40
4	Wm. A. Keleher	Services	4.50
7	Church & Stephenson	Lumber	49.99
8	John A. Power & Co	Plumbing	20.04
9	Wash. B. Williams	Matting	56.69
9	Jos. F. Collins	Lining boilers, etc	208.25
18	M. G. Copeland & Co	Awning	4.50
31	R. E. L. Thompson et al.	Salaries	324.09
Sept. 2	John A. Power & Co	Plumbing	7.23
2	do	do	7.50
5	L. H. Schneider's Son	Key blanks .....	.38
5	Hugh Reilly	Glass, etc	25.15

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

FURNITURE, CASES, AND REPAIRS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 3	Church & Stephenson	Lumber	\$105.50
12	Belt & Dyer	do	3.75
23	W. B. Moses & Sons	Mirror, etc	7.32
29	Ben. Purcell et al	Labor	43.50
30	Geo. Carter et al	Salaries	234.00
	Total first quarter		1,421.67
Oct.			
2	Ernest Betz	Ventilators	12.75
3	Jos. F. Collins	Laying trench	280.00
5	Robt. Leitch & Sons	Radiators, etc	45.85
6	Church & Stephenson	Lumber	50.56
9	Ernest Betz	Repairing roof	8.90
9	M. G. Copeland & Co	Awning covers, etc	23.50
17	L. H. Hopkins	Hardware	28.58
31	R. E. L. Thompson et al	Salaries	156.00
	Thos. Somerville & Sons	Hardware	5.50
7	Church & Stephenson	Lumber	117.65
7	John A. Power & Co	Plumbing	12.90
14	Ernest Betz	Repairing, etc.	60.00
14	do	Labor and material	50.00
14	Office Specialty Manufacturing Co.	Desk, etc	57.50
17	Jerry Nevett et al	Labor	4.50
18	John A. Power & Co	Plumbing	17.50
20	Craig & Harding	Chair, etc	6.75
21	James H. McGill	Cement	3.00
22	Wash. B. Williams	Window shades, etc	33.88
22	do	do	3.40
23	Wm. Lowenthal	Office chair	5.00
30	Geo. A. Carter et al	Salaries	153.00
Dec. 13	Thos. Somerville & Sons	Plumbing, etc	56.66
16	Church & Stephenson	Lumber	92.12
18	W. B. Moses & Sons	Furniture, etc	141.77
18	Chas. D. Harvey	Plumbing	5.25
26	Jos. F. Collins	Labor and material	57.50
30	Easton & Rupp	Copying press and stand	15.00
30	Geo. A. Carter et al	Salaries	156.00
	Total second quarter		1,661.02
1894.			
Jan. 5	Church & Stephenson	Lumber	64.23
5	Ernest Betz	Repairing roof, etc	20.10
8	L. H. Hopkins	Locks, etc	51.32
9	Wm. H. Lacy	Plastering	56.50
11	Hugh Reilly	White lead, etc	14.08
17	Wm. H. Lacy	Plastering	35.00
17	Henry Chum	Jardinière	2.00
26	W. B. Moses & Sons	Rugs, etc	23.20
31	Geo. A. Carter et al	Salaries	159.00
Feb. 3	Wash. B. Williams	Window shades, etc	8.20
3	John A. Power & Co	Plumbing	17.44
8	Craig & Harding	Furniture, etc	190.08
9	Belt & Dyer	Map rollers, etc	1.75
17	Thos. Somerville & Sons	Steam fitting	8.60
21	Robt. Leitch & Sons	Wire screen, etc	49.10
24	I. D. Gatewood	Repairing furniture	3.50
28	Geo. A. Carter et al	Salaries	130.50
Mar. 1	W. B. Moses & Sons	Cloth, etc	48.48
2	Robt. Leitch & Sons	Steam fitting	16.10
3	Wm. H. Lacy	Plastering	10.50
3	Wash. B. Williams	Carpets, etc	130.64
6	Church & Stephenson	Lumber	125.42
7	Chas. A. Freedman	Map case, etc	16.00
10	Johnson & Luttrell	Cotton	6.50
14	Ernest Betz	Galvanized iron	1.30
14	do	Repairing, etc	90.90
16	Boswell, Copeland & Merkling	Mirrors	2.75
17	James H. McGill	Cement	3.00
21	Belt & Dyer	Molding	.90
24	Geo. Ryneal, Jr	Glass	3.30
26	John C. Parker	Slide case, etc	98.00
31	Geo. A. Carter et al	Salaries	381.50
	Total third quarter		1,769.89
Apr. 2	C. S. Kenfield	Cleaning clocks	4.25
7	Craig & Harding	Washstand, etc	6.75
7	Wm. Halleys	Map frames	21.25
7	L. H. Hopkins	Locks and hooks	2.10
7	John A. Power & Co	Plumbing	12.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

FURNITURE, CASES, AND REPAIRS—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 11	Belt & Dyer	Lumber	\$16.75
11	C. S. Kenfield	Clock	1.20
11	Thos. Somerville & Sons	Pipe fittings, etc.	54.25
12	Wm. Ballantyne & Sons	Dictionary holder	5.50
12	Church & Stephenson	Lumber	264.28
13	do	do	50.96
13	Library Bureau	Index case	14.00
17	Thomas Somerville & Sons	Repairs	18.39
18	W. B. Moses & Sons	Desk cover	2.67
18	do	Table, etc.	1.95
18	Office Specialty Manufacturing Co.	Filing cabinet	160.00
19	Ernest Betz	Repairing roof, etc	92.00
19	Wm. H. Lacey	Plastering	9.50
28	D. R. Stansbury & Co.	Zinc cases	112.00
30	Geo. A. Carter et al	Salaries	424.75
May 1	John A. Power & Co	Plumbing	6.50
5	Office Specialty Manufacturing Co.	File case	41.75
5	Hugh Reilly	White lead	12.56
14	Library Bureau	Index case	15.00
15	W. M. Whyte & Bro	Skylights	48.00
24	J. T. Walker Sons	Cement	9.00
28	Library Bureau	Index case and fittings	15.00
29	Wm. H. Lacy	Plastering	32.00
31	Geo. A. Carter et al	Salaries	467.00
June 1	I. D. Gatewood	Caning chairs	3.55
2	Pettit & Dripps	Grate bars	7.53
4	J. T. Walker Sons	Brick, etc	63.00
4	Hugh Reilly	White lead	12.56
4	Benton Vernon	Repairing windows	20.00
7	Ernest Betz	Tinning	46.20
7	W. T. Walker & Co	Bricks	14.40
7	Office Specialty Manufacturing Co.	Binding cases	10.00
9	Belt & Dyer	Molding	3.00
9	Ernest Betz	Tinning	22.00
11	Library Bureau	Index cases, etc.	45.75
11	Chas. S. Jenkins	Map rack	55.00
16	Church & Stephenson	Lumber	60.00
16	J. T. Walker Sons	Resetting boilers	30.50
18	J. R. Francis	Paint	44.20
18	D. R. Stansbury & Co	Zinc cases	170.00
19	The Tucker File Co.	Transfer cases, etc.	3.00
19	Church & Stephenson	Lumber	259.58
23	John C. Parker	Filing case	15.00
30	Geo. A. Carter et al	Salaries	457.00
	Total fourth quarter		3,264.08
	<i>Supplemental.</i>		
July 3	I. D. Gatewood	Repairs	6.00
3	W. T. Walker & Co	Bricks	3.60
3	Thos. Somerville & Sons	Repairs, etc.	35.29
5	Office Specialty Manufacturing Co.	Index cases	186.00
10	Thos. Somerville & Sons	Hardware	12.19
10	Wilmarth & Edmonston	Coolers, etc	14.50
10	Wm. H. Douglas	Repairs	7.40
12	Ernest Betz	Tinning	25.47
12	J. T. Walker Sons	Brick, etc	22.50
13	Library Bureau	Index cards, etc	17.47
13	do	Index case	10.00
13	Pettit & Dripps	Castings, etc	36.68
13	Church & Stephenson	Lumber	50.25
16	W. B. Moses & Sons	Matting, etc	33.92
17	Wash. B. Williams	do	20.33
	W. B. Moses & Sons	Furnishings	30.50
	Total supplemental		512.10

RECAPITULATION.

Total first quarter		\$1,421.67
Total second quarter		1,661.02
Total third quarter		1,769.89
Total fourth quarter		3,264.08
Total supplemental		512.10

Total 8,628.76

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

LIBRARY.

Date.	Name.	Nature of payment.	Total.
1893.			
July 18	Thos. Meehan & Son	Subscription	\$2.00
21	Robert Beall	Books	2.00
24	Orange Judd Co.	Subscription	5.00
24	N. E. Jones	do	375.00
27	Forest and Stream Publishing Co.	do	4.00
27	Wm. Bentenmuller	do	2.00
Aug. 3	American Field Publishing Co.	do	5.00
5	B. Westermann	Book	6.28
8	R. C. C. Vasey, administratrix	Books	60.00
8	do	do	18.50
14	N. L. Britton	do	3.00
14	S. T. Cameron	do	5.00
19	Luther Tucker & Son	Subscription	2.50
22	J. S. Seymour	do	9.00
22	B. L. Robinson	Book .....	.80
22	Evening Star Newspaper Co.	Subscription	5.28
24	Washington News Publishing Co.	do	4.75
25	The Press Publishing Co.	do	6.00
Sept. 9	Robert Beall	Book	4.00
9	H. C. Andrews	do	30.00
9	W. H. Lowdermilk & Co.	Books	12.90
16	Em. Terquem	Book	17.78
27	W. H. Lowdermilk & Co.	do	2.00
28	D. Weill	Importation of books	1.50
	Total first quarter		584.29
Oct. 3	Library Bureau	Book	2.50
4	Lumber Trade Journal	Subscription	2.00
10	Library Bureau	Oak trays, etc.	10.20
18	R. Friedlander & Son	Foreign publications	31.48
18	do	do	22.68
20	R. R. Bowker	Subscription	5.00
23	Wm. Ballantyne & Sons	do	46.78
28	W. H. Lowdermilk & Co.	Book	2.25
28	Wm. Wesley & Son	do	18.45
28	A. E. Foote	Foreign publication	5.00
31	Paul Parey	Foreign publications	141.90
Nov. 1	Robert Beall	Book	2.00
2	W. H. Lowdermilk & Co.	Books	14.20
2	do	Book	5.00
2	Carl Schoenhof	do	25.92
3	R. R. Gurley	do .....	.50
4	W. H. Lowdermilk & Co.	do	3.20
4	R. Friedlander & Son	Foreign publications	14.37
13	W. H. Lowdermilk & Co.	Book	10.00
13	do	do	6.00
17	do	do	2.95
17	do	do	2.80
17	do	do	2.80
17	do	do	3.00
17	A. Bouchereau	do	3.00
17	Montauriol Suc's	Atlas	15.00
17	Geo. H. Rigby	Book	7.50
18	Wm. Wesley & Son	do	29.50
24	A. H. Storer	Subscription	9.00
24	M. A. Hunt	Book	2.00
28	Rand, McNally & Co.	Atlas	35.00
Dec. 1	Wm. Wesley & Son	Book	11.80
12	F. E. Dodge	do	2.40
13	Entomological Society of Washington	do	3.00
18	Robert Beall	do	1.75
18	A. E. Foote	do .....	.75
19	Wm. Wesley & Son	Subscription	29.57
19	Henry S. Dyer	Chart	2.50
20	W. H. Lowdermilk & Co.	Books	1.80
20	do	Book	4.00
21	do	Books	13.65
30	Wm. Wesley & Son	do	11.00
	Total second quarter		564.20
1894.			
Jan. 3	Turner & Henderson	Book	5.66
3	J. Cardot	do	1.13
5	Wm. Wesley & Son	do	7.00
5	do	Books	7.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 11	Wm. B. Dana & Co.....	Subscription	\$10.00
11	W. H. Lowdermilk & Co.....	Books	8.75
12	The Seeger & Guernsey Co.....	Subscription	6.00
12	Houghton, Mifflin & Co.....	Book	2.25
16	Boston Journal of Commerce Publishing Co.	Subscription	3.00
16	Wm. Wesley & Son	Books	37.12
17	M. K. Eyre	Book	4.50
17	The World Publishing Co	Subscription	6.00
18	United States Express Co	Transportation	2.35
18	W. A. Lowdermilk & Co.....	Book	8.00
18	The Chicago Herald Co	Subscription	8.00
20	R. Friedlander & Son	Books	4.54
24	Wm. Wesley & Son	Foreign publications	9.64
24	Bailey & Fairchild	Subscription	2.75
24	Wm. Ballantyne & Sons	Book	40.00
26	Geo. N. Rider	do	21.00
Feb. 3	A. E. Foote	Books	18.75
6	Edwin Willits	Book	2.00
7	Wm. Wesley & Son	do	6.50
7	do	do	2.62
7	do	do	4.50
7	do	do	10.50
8	W. H. Lowdermilk & Co	do	5.00
8	Wilhelm Engelmann	Foreign publication	20.10
8	F. M. Crouse	Book .....	.75
14	A. E. Foot	do	2.50
14	W. H. Lowdermilk & Co	do	2.50
16	R. Friedlander & Son	Foreign publications	10.24
19	Howard, Lockwood & Co	Subscription	4.00
19	W. H. Lowdermilk & Co	Books	6.60
19	Will H. Groscup	Book	8.50
21	Gustav E. Stechert	do	2.50
Mar. 1	W. H. Lowdermilk & Co	Books	9.00
2	Paul Parey	Periodicals	55.21
2	Wm. Ballantyne & Sons	Subscription	92.85
2	Eyre and Spottiswoode	Papers	2.54
2	R. Friedlander & Son	Foreign publications	16.33
3	Wm. Wesley & Son	do	9.10
3	do	Book	3.75
3	do	do	1.87
9	Library Bureau	Label holders	15.00
9	Edward Lee Greene	Book	2.00
13	Wm. Wesley & Son	Foreign publications	9.85
13	do	Book	1.25
13	Em. Terquem	Foreign publications	14.71
21	The Forum Publishing Co	Subscription .....	.50
21	R. Friedlander & Son	Foreign publications	76.29
21	Cambridge Entomological Club	Pamphlets	1.50
21	Last & Francke	Foreign publication	72.71
21	W. H. Lowdermilk & Co	Book	2.40
21	W. H. Lowdermilk & Co	Book .....	.50
22	Oswald Weigel	Foreign publication	1.75
	Total third quarter		691.86
Apr. 5	F. M. Crouse	Book	2.50
11	do	do	1.00
11	M. E. Mann	do	7.00
11	Eyre & Spottiswoode	do	1.28
14	Wm. Wesley & Son	do	6.25
16	Comstock Publishing Co	do	2.00
16	Wm. Wesley & Son	Books	9.05
16	W. H. Lowdermilk & Co	Book	1.60
16	do	do	2.80
19	do	Books	11.25
24	F. A. Lucas	do	2.50
24	Howard, Lockwood & Co	Book	12.00
May 10	Oswald Weigel	do	2.09
10	S. E. Cassino	Foreign publications	24.13
10	Chas. W. Gurney	Book	2.00
10	L. H. Bailey	do .....	.50
15	A. E. Foote	do	1.50
23	Clapp & Co	do	2.00
23	Em. Terquem	Foreign publications	9.55
24	Geo. N. Rider	Book	7.00
24	A. E. Foote	do	3.20
June 11	R. Friedlander & Son	Subscription	30.32
11	do	do	29.69
13	W. H. Lowdermilk & Co	Book	9.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1894. June 18 19	W. H. Lowdermilk & Co do	Book do	\$0.60 7.50
	Total fourth quarter		188.56
	<i>Supplemental.</i>		
July 3	S. E. Cassino	Book	2.08
	Robert Beall	do	1.25
7	B. Westermann & Co	Foreign publications	6.88
13	J. E. Defebaugh	Subscription	2.00
26	Wm. Ballantyne & Sons	Books	22.00
27	Wm. Wesley & Son	Periodicals	143.40
27	W. H. Lowdermilk & Co	Books	70.00
31	R. Friedlander & Son	Foreign publications	46.18
31	Paul Parey	do	108.41
Aug. 1	John Mattes, Jr	Periodical	4.76
Sept. 4	Wm. Wesley & Son	Books	192.84
6	M. E. Mann	Book	7.00
	Total supplemental		606.80

RECAPITULATION.

Total first quarter	\$584.29
Total second quarter	564.20
Total third quarter	691.86
Total fourth quarter	188.56
Total supplemental	606.80
Total	2,635.71

POSTAGE.

Date.	Name.	Nature of payment.	Total.
1893. July 17 24	Washington City post-office do	Postage stamps do	\$275.00 430.00 100.00
Aug. 25	do	do	
	Total first quarter		805.00
1894. Jan. 4 6	Washington City post-office do	Postage stamps do	50.00 260.00 30.00
Mar. 19	do	do	
	Total third quarter		340.00
Apr. 2	Washington City post-office	Postage stamps	30.00
May 3	do	do	200.00
	Total fourth quarter		230.00

RECAPITULATION.

Total first quarter	\$805.00
Total third quarter	340.00
Total fourth quarter	230.00
Total	1,375.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES.

Date.	Name.	Nature of payment.	Total.
1893			
July 20	Herman Baumgarten	Repairs to stamp	\$2.50
20	Edwin Darcey	Hay	15.90
25	F. V. Coville	Traveling expenses	57.55
Aug. 2	E. S. Harnden	Traveling bag	8.00
2	S. A. Johnson	Duty on plants	.50
2	Laura Williams	Washing towels	25.00
4	Geo. Ryneal, jr.	White waste	8.50
4	Washington Gaslight Co.	Gas	67.25
4	J. Baumgarten & Son	Stamp and type	8.00
4	do	Repairing stamp	1.50
4	American Ice Co.	Ice	77.42
7	Murray & Barker	Shoeing horses	23.50
7	John H. Wilkerson	Inspecting boilers	30.00
7	United States Electric Lighting Co.	Electric current	108.50
8	Lubroleine Oil Co.	Oil	64.16
8	Wm. Ballantyne & Sons	Wax, etc.	15.54
8	J. T. Thompson	Embossing	72.00
9	Geo. W. Knox Express	Freight	.92
14	Herman Baumgarten	Rubber stamps	4.00
14	Thos. Somerville & Sons	Gears	2.50
14	Wm. Bailey	Hay	11.11
16	Wm. A. Gaskins	Feed	30.26
16	Easton & Rupp	Stationery	385.89
17	E. Lavat	Express charges	.55
17	Adams Express Co.	Transportation	4.75
18	Wm. Ballantyne & Sons	Stationery	78.44
19	John McDermott & Bro.	Cleaning carriage lining	3.00
19	Johnson Bros	Coal	1,967.37
22	India Alkali Works	Putz liquid	21.60
26	Harrison Green	Hay	13.95
26	John C. Parker	Stationery, etc.	608.14
28	United States Express Co.	Transportation	5.85
28	do	do	3.70
30	W. G. Orr & Co.	Buckets	6.50
Sept. 2	Laura Williams	Washing towels	25.00
5	V. G. Fischer, Manager	Engraving, etc.	12.60
5	J. Baumgarten & Son	Ink and stamp	3.25
5	James Cochran	Hardware, etc.	11.15
5	United States Electric Lighting Co.	Electric current	108.50
5	Western Union Telegraph Co.	Cablegrams	7.90
6	Murray & Barker	Shoeing horses	28.00
7	H. H. C. Dunwoody	Expenses	6.45
7	American Ice Co.	Ice	76.86
7	Washington Gas Light Co	Gas	69.00
8	N. J. Welch	Hay	16.32
11	Talma Drew	Traveling expenses	18.25
12	Geo. W. Knox Express	Freight and drayage	.50
21	N. J. Welch	Hay	16.38
22	Bureau of Press Clippings	Newspaper clippings	15.50
22	Easton & Rupp	Stationery	190.83
22	John F. Stephenson	Freight	.40
26	Harris & Shafer	Cleaning clock	3.00
27	Wilmarth & Edmonston	Sweeps	18.00
29	F. O. Triplett	Straw	13.50
30	Chesapeake and Ohio Rwy. Co.	Transportation	26.00
Total first quarter			4,401.74
Oct. 2	J. T. Thompson	Stamping paper, etc.	27.00
2	Geo. R. Seiffert	Type cleaner	2.50
2	do	Type cleaners	5.00
2	Laura Williams	Washing towels	25.00
2	S. H. Buckman	Hay	31.05
4	Belt Railway Co.	Car tickets	41.67
4	E. Morrison Paper Co.	Cardboard	2.64
5	J. Baumgarten & Sons	Stamps	8.00
5	Washington Gaslight Co.	Gas	35.50
6	United States Electric Lighting Co.	Electric current	104.80
6	Jas. L. Barbour & Son	Soap, etc.	53.60
6	American Ice Co.	Ice	58.94
6	Murray & Barker	Shoeing horses	23.25
6	Geo. Ryneal, jr.	Chamois skins, etc.	17.02
6	John C. Parker	Stationery, etc.	492.55
7	Chesapeake and Potomac Telephone Co.	Telephone rent	106.25
11	John C. Parker	Typewriter supplies	39.52
13	C. Becker	Repairing harness, etc.	4.50

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
Oct. 13	Adams Express Co	Transportation	\$8.80
17	L. H. Hopkins	Locks	8.00
17	do	Mops, etc	8.70
17	United States Express Co	Transportation	3.84
17	Baltimore & Ohio R. R. Co	do	6.50
17	A. F. English	Telegram	.25
18	Library Bureau	Index cards	11.40
19	Geo. R. Seiffert	Type cleaners	7.50
20	Adams Express Co	Transportation	31.90
20	Armstrong & Co	Taking down awnings	10.15
23	Library Bureau	Numbering stamp, etc	78.50
23	do	Labels, etc.	19.25
27	C. G. Sloan & Co	Auctioneer's services	12.50
28	Geo. R. Seiffert	Type cleaners	17.50
28	Postal Telegraph Cable Co	Cablegrams	4.14
31	J. Sterling Morton	Expenses	71.75
Nov. 1	Wyckoff, Seamans & Benedict	Repairing typewriter, etc	5.00
1	Herman Baumgarten	Rubber stamps	3.00
2	Murray & Barker	Shoeing horses	22.25
2	Laura Williams	Washing towels	25.00
3	Fred. Springmann	Moving safe	15.00
3	J. B. Hammond	Mending saw	2.50
3	Easton & Rupp	Ink, etc	13.29
3	United States Electric Lighting Co.	Electric current	108.50
3	Washington Gaslight Co	Gas	28.38
4	J. Baumgarten & Sons	Repairing stamps, etc	10.90
6	Geo. Ryneal, Jr.	Glue	3.55
6	Wm. A. Gaskins	Feed	124.46
6	Geo. Marx	Traveling expenses	37.75
8	American Ice Co	Ice	56.56
9	E. E. James	Hay	33.80
13	Smithsonian Institution	Transportation of exchanges	3.65
13	Chesapeake and Potomac Telephone Co.	Moving telephones	2.60
14	J. B. Bryan & Bro.	Soap	13.50
14	J. T. Thompson	Stamping	18.00
16	Chas. Werner	Fuel	95.96
16	Johnson Bros.	Coal	136.28
17	Pennsylvania R. R. Co	Transportation	26.00
18	Z. D. Gilman	Soap	1.20
18	W. B. Morgan	Magnesia coverings	19.66
20	Geo. W. Knox Express	Freight	1.23
20	F. A. Tschiffely	Brooms, etc.	22.70
20	Pennsylvania R. R. Co	Transportation	26.00
22	Wm. Ballantyne's & Sons	Stationery, etc	18.43
22	India Alkali Works	Savogran	31.53
23	Emerson Smith & Co.	Band saw, etc	34.15
23	Trade Circular Addressing Co	Mailing lists	11.55
25	J. Baumgarten & Sons	Rubber stamps	.90
Dec. 1	Smith Premier Typewriter Co	Typewriter and ribbons	92.25
1	G. A. Whitaker	Fire balls	20.00
2	Laura Williams	Washing towels	26.97
4	Trade Circular Addressing Co	Lists	9.75
4	Murray & Barker	Shoeing horses	20.00
6	Marshall Field & Co.	Towels	32.00
6	United States Electric Lighting Co.	Electric current	105.00
6	Washington Gaslight Co.	Gas	39.00
6	Adams Express Co	Transportation	1.80
6	John C. Parker	Remodeling typewriter	82.50
6	do	Stationery, etc.	392.83
9	C. Becker	Repairing carriage robes, etc.	24.35
9	J. T. Thompson	Embossing	52.00
9	J. Baumgarten & Sons	Stamps	12.30
9	do	Rubber stamp	1.75
11	American Ice Co	Ice	44.24
11	Chas. Werner	Coal and wood	58.14
11	Western Union Telegraph Co.	Cablegram	1.71
12	Johnson Bros.	Coal	88.02
13	The Standard Engraving Co	Engraving	1.00
14	Chas. Werner	Coal	6.00
14	Dave Pettitt	Hay	10.23
18	Royce & Marean	Electric supplies, etc	9.60
19	United States Express Co	Transportation	2.55
21	Z. D. Gilman	Sponge	9.90
26	M. G. Copeland & Co.	Flag	6.75
26	Adams Express Co	Transportation	3.75
30	Easton & Rupp	Stationery, etc.	350.52
	Total second quarter		3,837.66

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 2	Laura Williams	Washing towels	\$29.91
2	J. Baumgarten & Sons	Repairing dater, etc	9.00
2	John Jones	Hay	29.95
3	Edwin Willits	Expenses	11.09
3	Thos. Somerville & Sons	Brushes, etc.	15.42
5	Thos. C. Warley	Boiler compound	10.00
5	Geo. Ryneal jr.	Brushes, etc.	13.50
5	John C. Parker	Index cards, etc.	998.52
5	do	Envelopes	135.15
8	Western Union Telegraph Co.	Telegrams	15.89
8	do	do	17.33
8	The Standard Engraving Co.	Engraving	1.50
8	J. T. Thompson	Embossing	23.27
8	United States Electric Lighting Co.	Electric current	105.50
9	J. H. Chesley & Co.	Dusters, etc	24.61
11	Johnson Bros	Coal	146.28
11	Robert Beall	Book	5.00
11	Hugh Reilly	Glass, etc	32.90
11	Chesapeake and Potomac Telephone Co.	Telephone rent	31.40
11	do	do	15.00
12	American Ice Co.	Ice	40.18
12	L. H. Hopkins	Lantern globes	.90
12	Chas. Werner	Wood	71.10
12	Royce & Marean	Maintenance of clocks, etc	3.29
12	do	do	1.25
17	The Standard Engraving Co.	Engraving	2.00
17	Saml. Springmann	Hauling	1.25
18	United States Express Co.	Transportation	3.40
18	do	do	.60
20	Geo. R. Seiffert	Type cleaner	2.50
20	G. B. Brackett	Expenses	80.00
20	T. R. Brooks	Straw	10.35
23	Adams Express Co.	Transportation	2.45
23	Chesapeake and Potomac Telephone Co.	Telephone rent	8.97
24	Smithsonian Institution	Transportation of exchanges	7.30
26	W. B. Moses & Sons	Window shade	.50
26	Baltimore and Ohio R. R. Co.	Transportation	6.50
30	Wm. H. Waddy	Rent of canvas	13.00
30	Harris & Shafer	Repairing ice pitcher	.75
30	Western Union Telegraph Co.	Telegrams	25.57
30	John C. Parker	Stationery	417.33
30	do	Typewriter ribbon	48.00
Feb. 1	E. Morrison Paper Co.	Strawboard	7.50
	Wm. H. Mannakee	Hay	19.15
2	Western Union Telegraph Co.	Telegrams	17.22
2	Washington Gaslight Co.	Gas	63.63
2	J. Baumgarten & Sons	Stamps, etc.	22.85
2	do	Seal	27.30
2	Laura Williams	Washing towels	27.67
3	Johnson Bros	Coal	395.74
6	Z. D. Gilman	Soap	3.65
6	Geo. Ryneal, jr.	Glue, etc.	4.60
8	Murray & Barker	Shoeing horses	28.75
8	Washington Gaslight Co.	Gas	61.00
9	United States Electric Lighting Co.	Electric current	77.50
10	Chas. Werner	Coal	17.80
13	J. T. Thompson	Embossing	78.75
13	American Ice Co.	Ice	40.04
13	Woodward & Lothrop	Towels, etc	5.50
13	Royce & Marean	Electrical supplies	11.15
13	E. Morrison Paper Co.	Letterheads	2.25
17	Western Union Telegraph Co.	Cablegrams	20.00
17	C. S. Kenfield	Cleaning clocks, etc	6.00
17	Browning & Middleton	Matches	3.75
19	Royce & Marean	Changing wires, etc	20.00
21	Bureau of Press Clippings	Clippings	31.32
21	Adams Express Co.	Transportation	4.05
23	Frances M. Brown	Hay	41.00
24	Wyckoff, Seamans & Benedict	Adjusting typewriters	1.00
24	Armstrong & Co.	Awning-frame covers	83.85
24	Geo. W. Knox Express	Freight and drayage	3.69
Mar. 1	W. B. Moses & Sons	Covering desk	4.89
1	do	Cleaning carpets, etc	1.15
2	John Royle & Sons	Wrench	1.15
2	D. W. Walford	Revolver	10.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 49

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 2	John C. Parker	Stationery, etc	\$569.53
2	do	Typewriter oil	3.40
2	American Book Co.	Books	25.00
2	J. Baumgarten & Sons	Stamps	3.95
2	Washington Gaslight Co.	Gas	62.38
2	Laura Williams	Washing towels	29.41
6	Wm. E. Clark & Co.	Buckets, etc.	2.75
6	Church & Stephenson	Lumber	49.49
6	J. H. Chesley & Co.	Brooms	10.68
6	Woodward & Lothrop	Combs and brushes	10.50
7	E. M. Willis	Ice	35.42
7	United States Electric Lighting Co.	Electric current	69.50
7	Johnson Bros.	Coal	166.87
8	James B. Lambie	Wire	.63
8	Chas. Werner	Wood	47.40
9	Browning & Middleton	Soap	19.00
12	Johnson Bros.	Coal	379.24
13	United States Express Co.	Transportation	18.75
13	do	do	7.85
13	do	do	5.85
13	do	do	3.85
13	do	do	3.75
13	do	do	3.15
14	Springman's Express	Hauling	12.00
14	Murray & Barker	Shoeing horses	40.13
14	Z. D. Gilman	Sponge	11.00
15	J. Sterling Morton	Expenses	39.75
16	Chas. Werner	Wood	4.74
16	C. Becker	Repairs	6.30
16	James Cochran	Clamps, etc.	34.50
16	Adams Express Co.	Transportation	13.30
16	do	do	5.40
16	do	do	3.50
16	do	do	3.00
16	do	do	6.00
16	do	do	3.15
16	do	do	1.40
16	do	do	1.60
16	do	do	1.75
16	Geo. W. Knox Express	Freight and drayage	12.68
17	Royce & Marean	Electric buzz	5.00
17	United States Express Co.	Transportation	8.45
17	J. T. Thomson	Embossing	84.75
19	Bureau of Press Clippings	Clippings	5.54
20	Easton & Rupp	Stationery, etc	138.09
21	James B. Lambie	Tacks	.48
21	Western Union Telegraph Co.	Telegrams	11.06
21	Belt Rwy. Co.	Car tickets	41.50
22	John McDermott & Bro.	Repairing carriage	5.00
23	The Standard Engraving Co.	Stereotyping	1.50
24	Western Union Telegraph Co.	Telegrams	12.51
24	Geo. Ryneal, jr.	Varnish, etc.	16.65
26	John C. Parker	Paper	253.00
1893.			
Nov. 17	John McDermott & Bro.	Repairing carriage	7.25
17	do	do	38.00
17	do	do	3.25
	Total third quarter		6,105.88
1894.			
Feb. 21	Adams Express Co.	Transportation	10.85
Apr. 2	E. Morrison Paper Co.	Paper	6.00
2	United States Express Co.	Transportation	3.40
2	Johnson Bros.	Coal	50.73
2	C. Schneider	Staples, etc.	1.20
2	F. P. May & Co.	Screw-driver	.50
2	Western Union Telegraph Co.	Telegrams	8.06
2	Laura Williams	Washing towels	32.86
2	American Distributing Co.	Alcohol	47.04
3	Cushman & Denison	Paper clips	3.75
3	Wm. Ballantyne & Sons	Stationery	68.88
3	do	do	63.16
3	E. M. Willis	Ice	44.38
4	J. Karr	Repairing clock	1.00
5	Murray & Barker	Shoeing horses	20.75
5	J. H. Chesley & Co.	Scissors, etc.	14.53
5	Washington Gaslight Co.	Gas	53.25
5	do	do	9.25
5	do	do	.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 6	Geo. Ryneal, Jr	Cotton waste, etc	\$13.40
6	Hugh Reilly	White lead, etc	15.56
6	United States Electric Lighting Co.	Electric current	77.50
6	Z. D. Gilman	Nailbrushes	1.37
6	J. S. Crupper	Hay	17.77
7	E. Morrison Paper Co.	Cardboard	10.00
7	L. H. Hopkins	Hardware	55.04
7	do	do	6.95
11	J. T. Walker Sons	Tar	5.00
12	Church & Stephenson	Lumber	21.37
13	E. Morrison Paper Co.	Pulp board	8.85
14	Norwalk Lock Co.	Keys .....	.45
17	Stephenson's Express	Freight .....	.30
18	M. W. Beveridge	Lining pitcher, etc	2.35
18	F. Springman's Express	Freight, etc	4.26
18	Office Specialty Manufacturing Co.	Paper	7.50
18	John C. Parker	Stationery, etc	318.07
19	Ernest Betz	Pipe, etc	5.70
19	Chas. Werner	Wood	18.96
20	Geo. W. Knox Express Co.	Freight and drayage	3.05
21	W. W. Chambers	Horse	80.00
21	Wyckoff, Seamans & Benedict	Repairs to typewriter	6.01
21	do	do .....	.50
21	do	Maintenance of clock .....	.50
23	Royce & Marean	Transportation	1.25
23	Adams Express Co.	do	63.00
23	United States Express Co.	Repairs to typewriter, etc	18.70
24	Wyckoff, Seamans, & Benedict	Storage, etc .....	.50
25	S. A. Johnson	Freight	14.50
25	P. P. Wood, agent	Books	25.00
25	American Book Co.	Service of auctioneer	8.26
25	C. G. Sloan & Co.	Photo-engravings	2.80
28	Photo-Engraving Co.	Repairs	1.50
28	John McDermott & Co.	Putting up awnings	25.22
28	Armstrong & Cooke	Hay	22.99
30	J. H. Truax	Engraved envelopes	6.75
May 1	J. T. Thomson	Pads and stamps	6.25
1	Herman Baumgarten	Stamp	119.45
1	do	Couplette	400.00
1	Wyckoff, Seamans & Benedict	Transportation of exchanges	8.75
1	Andrew J. Joyce's Sons	Rubber coat and lap robe	6.25
2	Smithsonian Institution	Washing towels	33.82
2	Melville Lindsay	Type	3.30
2	Laura Williams	Ice	44.10
3	Yost Writing Machine Co.	Ink pad	1.62
3	E. M. Willis	Stamp .....	.25
4	Herman Baumgarten	Whistles	1.50
4	do	Gas	60.75
4	M. A. Tappan	Freight	3.65
4	Washington Gaslight Co.	Straps, etc	13.00
5	Thomas Taylor	Repairing clock	1.50
5	Lutz & Bro	Brushes, etc	31.95
5	C. S. Kenfield	Soap .....	.64
5	Hugh Reilly	Awnings	19.50
5	Z. D. Gilman	Electric current	74.50
9	United States Electric Lighting Co.	Feed	118.64
9	Wm. A. Gaskins	Stamp	1.00
10	Herman Baumgarten	Transportation	28.35
10	United States Express Co.	Chisel .....	.35
14	L. H. Schneider's Son	Advertising	40.25
15	New York Times Publishing Co.	Freight	14.60
15	Geo. W. Knox Express	Advertising	5.88
15	Kate Field's Washington	do	4.00
15	The Capitol Publishing Co.	do	27.50
16	The Chicago Herald Co.	do	6.90
16	Nebraska State Journal	do	24.00
16	The Record Publishing Co.	do	7.85
16	Times Printing Co.	Advertising	12.00
16	Washington News Publishing Co.	Transportation	55.51
16	Adams Express Co.	Shoeing horses	22.25
16	Murray and Barker	Advertising	16.80
17	The Times-Democrat	Oil	4.13
17	Lubrolene Oil Co.	ment and lime	10.50
17	J. T. Walker Sons	Coal	118.40

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
May 17	The American Farmer.....	Advertising	\$10.00
21	Kansas City Times Newspaper Co.	do	17.25
21	The Press Printing and Publishing Co.	do	3.50
21	John C. Parker.....	Envelopes	265.00
22	W. A. Pate.....	Blacksmith's supplies	56.64
24	Rudolph Indexer Co.....	Card cutter	15.00
24	William Ballantyne & Sons.....	Stationery	25.20
28	John McDermott & Bro.....	Repairing carriage	7.05
28	James Reid.....	Hay	15.82
29	Easton & Rupp.....	Stationery	230.61
29	Nelson Morgan.....	Straw	8.93
June 1	Johnson Bros.....	Coal	22.75
2	Western Union Telegraph Co.....	Telegrams	24.84
2	Laura Williams.....	Washing towels	33.11
4	James S. Topham.....	Lock, etc	2.25
4	George Ryneal, jr.....	Zinc, etc	9.25
4	Hugh Reilly.....	White lead	12.56
4	Smith Premier Typewriter Co.....	Typewriter, etc	87.50
4	Murray & Barker.....	Shoeing horses	13.00
4	E. M. Willis.....	Ice	62.58
4	Washington Gaslight Co.....	Gas	11.25
4	do	do	30.75
7	W. C. Newton & Co.....	Card cutter	12.00
8	New York Staats Zeitung.....	Advertising	16.25
8	Z. D. Gilman.....	Fly paper	1.60
9	A. S. Abel Co.....	Advertising	13.20
9	William Ballantyne & Sons.....	Copying press, etc	10.25
9	do	Stationery	15.34
9	John C. Parker.....	Typewriter supplies	62.75
11	The Chicago Herald Co.....	Advertising	25.00
11	U. S. Electric Lighting Co.....	Electric current	77.50
11	C. Becker.....	Repairing harness, etc	3.90
12	United States Express Co.....	Transportation	32.50
12	do	do .....	.55
13	C. Schneider.....	Hardware	1.25
13	Geo. Ryneal, jr.....	Paper	2.25
13	Adams Express Co.....	Transportation	45.90
16	W. A. Pate.....	Iron, etc	12.78
16	Geo. W. Knox Express.....	Freight and drayage	8.41
16	J. H. Trux.....	Hay	16.80
18	R. Shorrock.....	Photographs	1.75
18	Washington Post Co.....	Advertising	18.36
18	W. C. Newton & Co.....	Printers' supplies	25.50
19	Thaddeus Davids Co.....	Marking ink	2.00
19	Western Union Telegraph Co.....	Telegrams	31.47
19	do	do	6.90
21	Chesapeake and Potomac Telephone Co.....	Telephone rent	108.75
22	New York Times Publishing Co.....	Advertising	45.50
23	John C. Parker.....	Stationery	415.39
23	do	Envelopes	31.20
23	do	Library cards	12.00
23	do	do	11.25
23	do	Cases, etc	8.10
23	do	do	4.60
23	do	Perforator	1.50
23	H. E. Armstrong.....	Awnings	12.50
25	John McDermott & Bro.....	Repairing carriages	19.00
25	do	do .....	.75
28	J. Sterling Morton.....	Expenses	26.25
30	Laura Williams.....	Washing towels	28.91
	Total fourth quarter.....		4,803.93
	Supplemental.....		
July 3	John C. Parker.....	Type wheel, etc	5.25
6	E. M. Willis.....	Ice	75.04
6	Fred. A. Schmidt.....	Wire, etc	2.15
6	Wm. A. Gaskins.....	Feed	76.46
6	Washington Gaslight Co.....	Gas	36.00
6	Z. D. Gilman.....	Fly paper, etc	5.00
7	N. V. Randolph & Co.....	Binders	41.00
10	United States Electric Lighting Co.....	Electric current	75.00
10	L. H. Hopkins.....	Hardware	107.86
10	Wilmarth & Edmonston.....	Mops, etc	11.23
10	Royce & Marean.....	Maintenance of clock	1.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1894.			
July 13	Church & Stephenson	Lumber	\$44.55
16	Bureau of Press Clippings	Clippings	15.60
17	Western Union Telegraph Co.	Cablegram	1.40
17	James S. Topham	Lock, etc.	2.25
17	Stephenson's Express	Freight	.40
17	Geo. W. Knox Express	Freight and drayage	15.89
21	Adams Express Co.	Transportation	34.37
23	Western Union Telegraph Co.	Telegrams	16.38
25	John C. Parker	Stationery	117.60
25	do	Remodeling typewriter	30.00
Aug. 2	Wm. Ballantyne & Sons	Stationery	4.87
2	Easton & Rupp	do	91.20
2	Browning & Middleton	Whisk brooms	3.50
3	J. Sterling Morton	Traveling expenses	14.75
8	Easton & Rupp	Paper	4.00
10	Wyckoff, Seamans & Benedict	Repairs to typewriters, etc	2.10
10	do	do	17.00
17	Samuel Springmann	Hauling	.75
17	Wyckoff, Seamans & Benedict	Repairs to typewriter	3.00
17	do	Typewriter	87.75
23	Royce & Marean	Electrical supplies	18.00
27	United States Express Co.	Transportation	62.95
Sept. 8	Adams Express Co.	do	1.50
18	C. Becker	Repairs, etc.	1.65
Total supplemental			1,027.65

RECAPITULATION.

Total first quarter	\$4,401.74
Total second quarter	3,837.66
Total third quarter	6,105.88
Total fourth quarter	4,803.93
Total supplemental	1,027.65
Total	20,176.86

EXPERIMENT STATIONS.

Date.	Name.	Nature of payment.	Total.
<i>1893.</i>			
July 24	J. Baumgarten & Son	Ink and pad	\$1.00
31	A. W. Harris et al.	Salaries	1,433.82
Aug. 5	W. O. Atwater	Salary	151.60
17	Photo-Engraving Co.	Plates	13.46
22	Adams Express Co.	Transportation	4.00
30	John C. Parker	Cards	6.75
31	W. O. Atwater	Salary	101.10
31	A. W. Harris et al.	Salaries	1,476.10
Sept. 12	Geo. R. Seiffert	Typewriter cleaners	7.50
27	U.S. Express Co.	Transportation	1.85
30	A. W. Harris et al.	Salaries	1,405.68
Total first quarter			4,602.86
Oct. 4	W. O. Atwater	Salary	97.80
6	John C. Parker	Straw board, etc.	14.00
7	Chesapeake and Potomac Telephone Co.	Telephone rent	30.00
13	Adams Express Co.	Transportation	1.75
20	J. H. Mills & Co.	Stamp	2.50
31	W. O. Atwater	Salary	101.10
31	A. C. True et al.	Salaries	1,383.51
Nov. 2	S. E. Black	Traveling expenses	35.50
4	A. C. True	do	57.00
30	A. C. True et al.	Salaries	1,383.78
Dec. 1	Chesapeake and Ohio Ry Co.	Transportation	26.00
1	W. O. Atwater	Salary	97.80
1	Office Specialty Manufacturing Co.	Labels, etc.	13.80
4	Illinois Central R. R. Co.	Transportation	3.83
6	John C. Parker	Stationery, etc.	143.55
13	E. W. Allen	Expenses	9.84
16	Pennsylvania R. R. Co.	Transportation	17.00
22	Wyckoff, Seamans & Benedict	Adjusting typewriter, etc.	1.10

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

EXPERIMENT STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 26	Levytype Co.	Plates	\$7.00
26	J. Christian Bay	Book	30.00
26	Adams Express Co.	Transportation	2.60
30	W. O. Atwater	Salary	101.10
30	A. C. True et al	Salaries	1,473.81
	Total second quarter		5,034.37
1894.			
Jan. 3	Chicago and Northwestern Ry. Co.	Transportation	7.84
11	E. W. Allen	Expenses	5.40
12	Levytype Co.	Photo-engraving, etc.	35.50
18	United States Express Co.	Transportation	1.60
18	F. W. Woll	Translating	105.00
26	Photo-Engraving Co.	Plates, etc.	23.45
31	A. C. True et al	Salaries	1,509.60
Feb. 1	W. O. Atwater	Salary	103.30
20	H. B. Gibson	Services	46.20
20	L. R. Carnahan	do	17.50
24	Wyckoff, Seamans & Benedict	Repairing typewriters	13.86
28	W. O. Atwater	Salary	93.40
28	A. C. True et al	Salaries	1,440.60
Mar. 2	John C. Parker	Stationery	15.90
3	W. O. Atwater	Expenses	40.10
3	do	do	6.75
6	Tice & Lynch	Freight, etc.	10.63
14	Westcott & Thomson	Electros	6.00
21	J. M. McBryde	Services	25.00
27	Tice & Lynch	Freight, etc.	12.83
31	W. O. Atwater	Salary	103.30
31	Levytype Co.	Plates	29.00
31	A. C. True et al	Salaries	1,634.59
	Total third quarter		5,287.35
Apr. 11	L. R. Carnahan	Services	21.17
11	C. F. Langworthy	do	120.00
11	H. B. Gibson	do	138.05
11	C. D. Woods	do	150.00
11	W. C. Newton & Co.	Printers' supplies	28.50
12	Photo-Engraving Co.	Photo-engraving	4.70
23	A. C. True	Traveling expenses	6.35
24	Office Specialty Manufacturing Co.	Paper	15.00
30	W. O. Atwater	Salary	98.90
30	A. C. True et al	Salaries	1,707.23
May 1	John C. Parker	Type, etc.	12.55
1	F. P. May & Co.	Brackets	.30
10	Whitall, Tatum & Co.	Jars	8.08
14	L. H. Schneider's Son	Wire	1.43
17	A. B. Gibson	Services	100.10
17	C. F. Langworthy	Salary	60.00
17	W. C. Newton & Co.	Type	12.98
21	Geo. Ryneal, jr	Brush	.30
29	H. H. Brown	Thermometer	.40
31	A. C. True et al	Salaries	1,871.84
June 1	W. O. Atwater	Salary	102.20
9	C. F. Langworthy	Services	60.00
9	L. R. Carnahan	do	53.28
12	A. C. True	Expenses	8.45
14	Pennsylvania R. R. Co.	Transportation	10.00
14	Harry Hammond	Expenses	64.55
25	Baltimore & Ohio R. R. Co.	Transportation	17.40
28	E. Morrison Paper Co.	Stationery	1.50
28	Office Specialty Manufacturing Co.	Binding cases	15.00
30	A. C. True et al	Salaries	1,866.96
	Total fourth quarter		6,557.22
	Supplemental.		
July 2	H. B. Gibson	Services	33.55
2	W. O. Atwater	Salary	98.90
14	J. L. Watkins	Services	75.00
14	P. P. Dherain	do	100.00
Aug. 2	John C. Parker	Bookcase, etc.	13.10
8	do	Stationery	13.50
	Total supplemental		334.05

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

EXPERIMENT STATIONS—Continued.

RECAPITULATION.

Total first quarter	\$4,602.86
Total second quarter	5,094.37
Total third quarter	5,287.35
Total fourth quarter	6,557.22
Total supplemental	394.05
Total.....	21,815.85

Total.....

INQUIRIES RELATING TO PUBLIC ROADS.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 24	Roy Stone	Traveling expenses	\$31.65
31	do	Salary	197.01
Nov. 30	do	do	203.80
Dec. 6	Adams Express Co	Transportation	1.30
26	do	do	8.55
30	Roy Stone	Salary	210.60
	Total second quarter.....		652.91
1894.			
Jan. 17	Pennsylvania R. R. Co	Transportation	10.48
17	New York Central and Hudson River R. R. Co	do	8.12
17	Roy Stone	Traveling expenses	29.66
23	Adams Express Co	Transportation	6.55
31	Roy Stone	Salary	215.30
Feb. 12	do	Expenses	10.65
14	Pennsylvania R. R. Co	Transportation	7.25
20	Roy Stone	Expenses	23.87
21	do	do	29.40
23	J. C. Brauner	Services	6.75
28	Roy Stone	Salary	194.40
Mar. 5	do	Expenses	17.40
14	New York Central and Hudson River R. R. Co	Transportation	16.00
14	Pennsylvania R. R. Co	do	36.90
17	Roy Stone	Expenses	29.70
27	do	do	39.45
31	do	Salary	215.30
	Total third quarter.....		897.18
Apr. 6	Roy Stone	Expenses	10.31
6	do	do	7.00
11	Pennsylvania R. R. Co	Transportation	43.35
18	New York Central and Hudson River R. R. Co	do	12.00
25	Crandall Bros	Photographs	3.00
27	Utica Daily Press Co	Copies of newspaper	3.65
30	Roy Stone	Salary	275.20
May 5	Photo-Engraving Co	Engraving	11.75
7	Roy Stone	Expenses	51.18
14	Pennsylvania R. R. Co	Transportation	3.51
16	Photo-Engraving Co	Engraving	3.45
19	Roy Stone	Expenses	38.25
31	Roy Stone et al	Salaries	331.04
7	Photo-Engraving Co	Engraving	2.95
7	Roy Stone	Expenses	27.75
14	Pennsylvania R. R. Co	Transportation	15.29
16	Levitype Co	Plates	36.75
16	do	do	31.50
16	New York, New Haven and Hartford R. R. Co	Transportation	4.50
18	Roy Stone	Expenses	17.51
25	Charlotte, Columbia and Augusta R. R. Co	Transportation	16.50
25	Richmond and Danville R. R. Co	do	16.50
30	Roy Stone et al	Salaries	335.20
	Total fourth quarter.....		1,298.14
	<i>Supplemental.</i>		
July 10	Roy Stone	Expenses	14.45
13	Bureau of Press Clippings	Clippings	9.14
13	Photo-Engraving Co	Plates	16.35
13	Jno. C. Tipton	Expenses	8.60
13	Edw'd Burrough	Services	50.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

INQUIRIES RELATING TO PUBLIC ROADS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1894. July 25	Pennsylvania R. R. Co.	Transportation.....	\$13.39
31	Edw'd Burrough	Photographs	14.00
Aug. 2	Maurice Joyce Engraving Co.	Engraving.....	1.00
2	do	do.....	1.50
2	do	do.....	10.12
Sept. 18	Baltimore and Ohio R. R. Co.	Transportation.....	4.15
Total supplemental.			142.70

RECAPITULATION.

Total second quarter		652.91
Total third quarter		897.18
Total fourth quarter		1,298.14
Total supplemental		142.70

Total		2,990.93
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EXPERIMENTS IN THE MANUFACTURE OF SUGAR.

Date.	Name.	Nature of payment.	Total.
<i>1893.</i>			
July 31	Fred Weaver	Livery hire.....	\$20.00
31	A. M. Parsons	Expenses.....	20.00
31	Joe Clemmings et al.	Labor.....	23.75
Aug. 2	D. C. Sutton	Salary.....	101.10
3	Walter Maxwell	do.....	151.60
3	A. M. Parsons	Bent.....	20.00
3	Geo. Selzer et al.	Labor.....	100.50
3	C. I. Hinman	Salary.....	101.10
9	Joe Clemmings et al.	Labor.....	21.50
9	Eli Benedict et al.	Livery hire.....	360.63
9	Geo. W. Knox Express	Freight and drayage.....	20.36
9	T. W. Hill	Feed.....	17.20
19	E. J. Pullman	Photographic supplies.....	8.40
22	Adams Express Co.	Transportation.....	1.60
23	Springman's Express	Freight.....	19.20
31	Oma Carr	Salary.....	95.65
31	Walter Maxwell	do.....	151.60
Sept. 4	Geo. Selzer et al.	Labor.....	120.00
5	C. I. Hinman	Salary.....	101.10
7	A. M. Parsons	Rent.....	20.00
7	D. C. Sutton	Salary.....	101.10
15	Joe Clemmings	Labor.....	33.75
15	Oma Carr	Expenses.....	52.65
16	Z. D. Gilman	Sand, etc.....	8.91
23	E. J. Pullman	Photographic supplies.....	4.30
30	D. C. Sutton	Salary.....	97.80
30	Joe Clemmings et al.	La'bor.....	21.25
Total first quarter			1,795.05
Oct. 3	C. I. Hinman	Salary.....	97.80
3	Oma Carr	do.....	130.40
4	F. W. Nieman	Livery hire.....	8.25
4	Wells & Nieman	do.....	7.50
4	A. M. Parsons	Rent.....	20.00
4	Geo. Selzer et al.	Labor.....	72.75
7	Joe Clemmings et al.	do.....	29.25
10	Walter Maxwell	Salary.....	146.80
13	Adams Express Co.	Transportation.....	22.35
18	E. R. Hinman et al.	Labor.....	147.43
18	B. F. Kercheval et al.	do.....	23.87
20	C. W. Grinstead	Cloth.....	4.48
20	Joe Clemmings et al.	Labor.....	26.00
31	Walter Maxwell	Salary.....	151.60
31	D. C. Dutton	do.....	101.10
Nov. 1	Oma Carr	do.....	134.80
9	Joe Clemmings et al.	Labor.....	31.50
13	C. I. Hinman	Salary.....	101.10
14	Geo. Selzer et al.	Labor.....	112.50
14	Wells & Nieman	Livery hire.....	25.00
14	F. W. Nieman	Hauling.....	13.75
14	A. M. Parsons	Rent.....	9.68
14	B. F. Kercheval et al.	Labor.....	194.30
22	O. L. Day	Acetate of lead.....	16.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

EXPERIMENTS IN THE MANUFACTURE OF SUGAR—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 22	Joe Clemmings et al.	Labor	\$25.25
23	Oma Carr	Expenses	34.75
24	Walter Maxwell	Salary	58.70
30	Oma Carr	do	130.40
Dec. 1	F. W. Hill	Supplies	4.35
1	D. C. Sutton	Salary	97.80
2	J. D. Karr	Acetate of lead, etc.	.85
2	C. I. Hinman	Salary	97.80
4	L. M. Field	Oil	.40
6	Adams Express Co.	Transportation	8.15
11	Garrison & Corson	Blacksmithing, etc.	2.80
12	Noble & Case	Hardware	3.25
12	Joe Clemmings et al.	Labor	30.25
14	Wells & Nieman	Livery hire	3.75
14	Geo. Selzer et al.	Labor	18.00
18	Atchison, Topeka and Santa Fe R. R. Co.	Transportation	8.35
20	C. I. Hinman	Livery hire	23.00
20	do	do	21.00
20	do	do	48.00
20	do	do	38.00
20	do	do	14.00
26	Walter Maxwell	Services	150.00
30	D. C. Sutton	Salary	101.10
	Total second quarter.		2,548.66
1894.			
Jan. 3	C. I. Hinman	Salary	47.91
3	Joe Clemmings et al.	Labor	34.00
17	do	do	35.50
18	United States Express Co.	Transportation	1.80
20	Joe Clemmings et al.	Labor	56.75
23	Adams Express Co.	Transportation	4.40
25	Geo. W. Knox Express.	Freight and drayage	14.85
Feb. 1	D. C. Sutton	Salary	103.30
3	E. J. Pullman	Photographic plates	4.20
16	William Hall	Livery hire	11.62
16	F. W. Hill	Feed	13.20
16	J. W. Watson	Steam pipes, etc.	192.18
17	Joe Clemmings et al.	Labor	83.25
17	Joe Clemmings	Livery hire	13.00
17	Pennsylvania R. R. Co.	Transportation	17.50
19	Atchison, Topeka and Santa Fe R. R. Co.	do	39.22
20	D. C. Sutton	Freight	4.88
21	Adams Express Co.	Transportation	1.45
23	E. J. Pullman	Paper	1.50
23	United States Express Co.	Transportation	17.95
26	Eli Benedict	Rent	80.83
26	Lookout Sewer Pipe Co.	Tiling	83.45
26	I. H. Dawe	Lumber	102.00
26	Joe Clemmings et al.	Labor	63.50
27	I. P. Roos	Duty, etc.	4.25
Mar. 6	E. J. Wickson	Salary and expenses	72.97
8	do	do	36.80
9	Joe Clemmings et al.	Labor	90.00
12	D. C. Sutton	Salary	93.40
14	Geo. W. Horney	Labor and drayage	19.50
20	J. W. Watson	Pipe dies, etc.	11.85
21	Joe Clemmings et al.	Labor	180.75
21	H. W. Wiley	Expenses	142.70
22	do	do	7.21
	Total third quarter.		1,688.67
Apr. 2	D. C. Sutton	Salary	103.30
2	Wilson & Toomer	Fertilizer	106.80
3	Eli Benedict	Rent	40.42
14	Joe Clemmings et al.	Labor	142.25
16	J. W. Watson	Harrow, etc.	55.02
16	F. W. Hill	Feed	38.88
17	J. D. Boyd	Cane seed	200.00
21	Joe Clemmings et al.	Labor	76.78
30	D. C. Sutton	Salary	98.90
30	T. C. Trescot	do	115.40
May 3	Geo. Selzer et al.	Labor	86.15
5	John C. Parker	Library numbers	2.50
5	T. C. Trescot	Expenses	60.55
10	Joe Clemmings et al.	Labor	62.50
10	J. W. Watson	Hardware, etc.	108.46
10	The Ocala Lime Co.	Lime	60.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

EXPERIMENTS IN THE MANUFACTURE OF SUGAR—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 14	Pennsylvania R. R. Co.	Transportation.	\$29.75
24	Joe Clemmings et al	Labor.	57.50
June 2	D. C. Sutton	Salary.	102.20
9	Joe Clemmings et al	Labor.	63.00
13	C. C. Winsett et al	do	74.04
13	L. E. Niestrath	Hauling, etc.	28.50
13	E. J. Pullman	Photographic supplies	3.50
14	Savannah, Florida and Western Rwy. Co.	Transportation	55.04
14	Savannah, Florida and Western Rwy. Co. (South Florida Division).	Drain tile	92.50
16	J. W. Watson	Supplies	12.66
18	Pennsylvania Co.	Transportation	17.50
28	H. W. Wiley	Expenses	139.10
	Total fourth quarter		2,087.20
	<i>Supplemental.</i>		
July 2	Wabash R. R. Co.	Transportation.	7.50
2	E. J. Wickson	Expenses	127.36
3	F. W. Hill	Feed	17.98
19	Joe Clemmings et al	Labor.	58.50
23	Southern California Rwy. Co.	Transportation.	6.60
Aug. 4	Joe Clemmings et al	Labor.	58.50
4	D. C. Sutton	Salary	98.90
9	F. W. Hill	Feed, etc.	21.25
16	E. J. Wickson	Salary	18.00
16	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation	12.75
16	Atchison, Topeka and Santa Fe R. R. Co.	do	60.00
16	Rio Grande Western Rwy. Co.	do	37.50
16	L. E. Niestrath	Livery hire	6.50
16	J. W. Moore	Implements, etc.	17.55
24	D. C. Sutton	Transportation.	4.89
Sept. 15	Ernst Clausen et al	Labor.	26.32
15	E. J. Wickson	Expenses	8.25
15	Transportation orders		22.30
	Total supplemental		610.65

RECAPITULATION.

Total first quarter		\$1,795.05
Total second quarter		2,548.66
Total third quarter		1,688.67
Total fourth quarter		2,087.20
Total supplemental		610.65

Total..... 8,730.23

ADDITIONAL COMPENSATION TO CHEMIST.

Date.	Name.	Nature of payment.	Total.
1893. Oct. 31	H. W. Wiley	Additional compensation	\$125.00
1894. Jan. 3	do	do	125.00
Apr. 7	do	do	125.00
July 10	do	do	125.00
	Total.		500.00

IRRIGATION INVESTIGATIONS.

1893. July 31	Chas. W. Irish et al.	Salaries	\$439.70
Aug. 31	do	do	439.70
Sept. 30	do	do	366.80
	Total first quarter		1,246.20

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 6	John C. Parker	Envelopes	\$16.00
31	Chas. W. Irish et al	Salaries	379.10
Nov. 30	do	do	366.80
Dec. 30	do	do	379.09
		Total second quarter	1,140.99
1894.			
Jan. 17	Pennsylvania R. R. Co	Transportation	17.00
18	Chas. W. Irish	Expenses	20.00
31	Chas. W. Irish et al	Salaries	387.50
Feb. 16	Chas. W. Irish	Expenses	59.75
28	Chas. W. Irish et al	Salaries	350.00
Mar. 6	Elizabeth Irish	Salary	72.00
13	do	do	72.00
21	Chicago, Rock Island and Pacific Rwy. Co.	Transportation	7.88
31	Chas. W. Irish et al	Salaries	387.50
		Total third quarter	1,373.63
Apr. 2	Chas. W. Irish	Expenses	101.80
13	do	do	74.10
12	Elizabeth Irish	Salary	60.00
30	Chas. W. Irish et al	Salaries	370.90
May 3	Atchison, Topeka and Santa Fe R. R. Co.	Transportation	25.30
10	Atlantic and Pacific R. R. Co.	do	80.00
31	Chas. W. Irish et al	Salaries	366.20
June 25	B. and O. R. R. Co.	Transportation	17.50
30	Chas. W. Irish et al	Salaries	354.40
		Total fourth quarter	1,450.20

RECAPITULATION.

Total first quarter	\$1,246.20
Total second quarter	1,140.99
Total third quarter	1,373.63
Total fourth quarter	1,450.20
Transportation orders	252.00

Total 5,463.02

QUARANTINE STATIONS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 25	Oden A. Lowman	Repairs	\$1.50
Aug. 9	Thos. Farthing	Rent	25.00
9	W. H. Wade	Salary	75.80
9	Alonzo Butterworth	do	60.60
9	Andrew C. Osborn	do	60.60
9	W. H. Lowe	Salary and expenses	159.95
16	John Hume	Labor	7.50
22	Joseph Sandman	Scythe, etc	4.25
Sept. 2	Albert Hassall	Expenses	5.55
7	W. H. Wade	Salary	75.80
11	Andrew C. Osborn	do	60.60
11	Alonzo Butterworth	do	60.60
11	W. H. Lowe	do	151.60
11	Thos. Farthing	Rent	25.00
11	John Hume	Labor	6.00
		Total first quarter	780.35
Oct. 2	The Garfield Land Association	Rent	300.00
10	W. H. Wade	Salary and expenses	76.56
10	W. H. Lowe	do	134.85
10	Alonzo Butterworth	Labor	58.80
10	Andrew C. Osborn	do	58.80
10	New York and New Jersey Telephone Co.	Telephone rent	18.75
13	Albert Hassall	Traveling expenses	1.90
20	John Hume	Labor	6.00
Nov. 1	Albert Hassall	Expenses	5.55
3	Thos. Farthing	Rent	25.00
4	W. H. Wade	Salary	75.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

QUARANTINE STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 4	Andrew C. Osborn	Salaries	\$60.60
4	W. H. Lowe	Salary and expenses	138.15
4	Alonzo Butterworth	Labor	60.60
9	John Hume	do	7.50
14	Thos. Farthing	Rent	25.00
23	Alonzo Butterworth	Labor	27.39
23	W. H. Lowe	Salary and expenses	62.22
23	W. D. Bush	Feed	55.22
23	Andrew C. Osborn	Labor	27.39
Dec. 9	W. H. Wade	Salary	73.40
9	John Hume	Labor	6.00
19	Abraham Noonburg	Salary	31.30
19	John B. Hopper	Salary and expenses	61.67
19	Albert B. Conkling	Salary	31.30
	Total second quarter		1,429.75
1894.			
Jan. 3	The Garfield Land Association	Rent	300.00
10	S. M. Birch	Lumber	81.00
10	Ch. Hubinger	Spikes, etc	3.05
10	Albert B. Conkling	Labor	60.60
10	F. H. Crane	Glass	5.65
10	New York and New Jersey Telephone Co.	Telephone rent	18.75
10	John B. Hopper	Salary and expenses	119.80
10	Abraham Noonburg	Labor	60.60
12	W. H. Wade	Salary	75.80
16	J. A. Harwood	Rent	125.00
17	Thos. Farthing	do	25.00
17	do	do	25.00
Feb. 1	John Hume	Labor	7.50
3	Baltimore and Ohio R. R. Co.	Rent	56.25
3	do	do	56.25
5	W. H. Wade	Salary	77.50
7	John Hume	Labor	6.00
9	John B. Hopper	Salary	120.60
9	Albert B. Conkling	do	62.00
9	Abraham Noonburg	do	62.00
9	Michael McMahon	Shoeing horse	2.00
14	Thos. Farthing	Rent	25.00
2	W. H. Wade	Salary	70.00
3	John Hume	Labor	6.00
5	Abraham Noonburg	do	56.00
5	Albert B. Conkling	do	56.00
8	Geo. Gillmor	Repairing pumps	.50
9	Michael P. McMahon	Shoeing horse	2.00
9	John B. Hopper	Salary	108.80
9	Thomas Farthing	Rent	25.00
13	Alyea Bros.	Feed	45.62
	Total third quarter		1,745.27
Apr. 5	W. H. Wade	Salary	77.50
6	John B. Hopper	do	120.60
6	Albert B. Conkling	Labor	62.00
7	John Hume	do	6.00
9	The Garfield Land Association	Rent	300.00
10	New York and New Jersey Telephone Co.	Telephone rent	18.75
10	Abraham Noonburg	Labor	62.00
10	Thos. Farthing	Rent	25.00
10	A. Eidman & Co.	Repairing pump	15.00
11	J. A. Harwood	Rent	62.50
17	The Real Estate Improvement Co. of Baltimore, Md.	do	56.25
May 3	W. H. Wade	Salary	74.20
4	Abraham Noonburg	Labor	59.30
4	Albert B. Conkling	do	59.30
4	John Hume	do	7.50
4	Michael P. McMahon	Shoeing horse	2.00
10	John B. Hopper	Salary	116.75
12	Alyea Bros.	Hay	27.00
12	Thos. Farthing	Rent	25.00
June 4	W. H. Wade	Salary	76.60
4	John Hume	Labor	6.00
4	Abraham Noonburg	do	61.40
4	Albert B. Conkling	do	61.40
4	John B. Hopper	Salary and expenses	120.55
13	Thomas Farthing	Rent	25.00
	Total fourth quarter		1,527.60

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

QUARANTINE STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental.</i>			
1894. July 3	The Real Estate Improvement Co. of Baltimore, Md.	Rent	\$56.25
6	John Hume	Labor	6.00
6	John B. Hopper	Salary	115.40
6	Michael P. McMahon	Shoeing horse	2.00
6	Albert B. Conkling	Labor	59.30
6	Abraham Noomburg	do	59.30
7	W. H. Wade	Salary	74.20
12	J. A. Harwood	Rent	62.50
12	Thos. Farthing	do	25.00
13	New York & New Jersey Telephone Co.	Telephone rent	18.75
14	News Publishing Co.	Advertising	2.25
21	The Garfield Land Association	Rent	300.00
Total supplemental			780.95

RECAPITULATION.

Total first quarter	\$780.35
Total second quarter	1,429.75
Total third quarter	1,745.27
Total fourth quarter	1,527.60
Total supplemental	780.95

Total

6,263.92

BUREAU OF ANIMAL INDUSTRY.

Date.	Name.	Nature of payment.	Total.
<i>1893.</i>			
July 18	Chas. B. Murray	Subscription to Cincinnati Price Current, July 5, 1893, to July 5, 1894.	\$5.00
18	The Rural Publishing Co.	Subscription, 1 year, Rural New Yorker	1.00
18	William Frear	Subscription to Agricultural Science to June, 1894.	2.00
18	Thos. H. Netherland	Salary, July 1-5.	21.74
18	G. W. Beamer	1 mare killed, maladie du coit	35.00
18	Andrew Larsen	do	35.00
19	Samuel Hollis	Painting 2 signs, Boston	5.50
20	Eli Loda	1 horse	95.00
29	W. A. Florey	1 mare killed, maladie du coit	15.00
20	G. O. Fairhead	do	20.00
20	Cyrus F. McDonell	do	35.00
20	R. H. Fulton	do	40.00
20	Roy Beckwith	1 stallion killed, maladie du coit	100.00
20	Hannibal H. Chandler & Co.	Subscription, Farmers' Review to June, 1894.	1.25
20	J. H. Saunders Publishing Co.	Subscription, Breeders' Gazette to June, 1894.	2.00
20	Lea Bros. & Co.	Subscription, American Journal of Medical Science to June, 1894.	4.00
24	Philip Mosser	1 mare killed, maladie du coit	35.00
24	Samuel W. Campbell	Salary and expenses, July 1-15	82.28
24	Boston Rubber Type Co.	Rubber cancelling stamp	10.00
24	N. H. Paaren et al	Salaries, July 1-15	895.47
24	E. A. v. Schweinitz	Meat for culture media	1.00
25	Alonzo E. Hardy	1 mare killed, maladie du coit	40.00
27	F. Knight & Son	Moving of furniture, Boston	3.00
31	A. W. Clement	Salary, July 1-15	81.52
31	E. C. Matheny	do	48.91
31	Samuel H. Pierce	do	65.22
31	Geo. W. Talbert	Cabbages	4.25
31	Edw. S. Schmid	100 pounds prepared food	7.00
31	D. E. Salmon et al	Salaries for July	4,840.29
Aug. 3	Thomas Manufacturing Co.	Meat inspection tags	65.00
3	American	Metal cattle tags	81.25
3	D. N. Walford	Replating revolver	1.50
4	James T. Stuart et al	Salaries for July	649.60
4	Julius Huelson et al	do	651.05
4	Julius Huelson	Office expenses, July	2.95
4	W. H. Rose	do	14.00
4	James Stikeman	Office rent, New York, July	45.83
4	W. H. Rose et al	Salaries for July	1,073.20

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 4	Battise Pourier	3 mares killed, maladie du coit.	\$90.00
4	Edward H. Flood et al	Salaries for July	684.60
4	Edward H. Flood	Office expenses, July	2.69
4	R. W. Hickman et al.	Salaries for July	694.80
4	John Broderick	Office rent, New York City, July	16.00
4	James T. Stuart	Office expenses, July	.77
4	The United States Electric Lighting Co.	Electric-light current, laboratory, July	12.00
4	Washington Gaslight Co	Gas, laboratory, July	18.25
5	A. D. Melvin	Salary and expenses, July	255.60
5	Lewis R. Baker et al	Salaries for July	1,430.58
5	Norman R. Adams et al.	do	1,589.17
5	E. Balgen et al	do	1,809.75
5	Wm. Bond & Son	Office rent, Boston, July	20.00
5	O. H. Hall et al	Salaries for July	97.82
5	Evan H. Pritchard et al.	do	559.60
5	John Michels et al.	do	702.18
7	Davenport Fisher et al.	do	987.91
7	James J. Brougham et al.	do	398.12
7	James Wilson et al.	do	
7	Daniel D. Lee et al	do	1,120.10
7	Alex. Yearley & Son	Office rent, Baltimore, July	857.30
7	Isaac L. Ball et al	Salaries, July	10.00
7	H. A. Hedrick	Salary, July 16 to 31, inclusive	407.60
7	do	Office expenses, July	82.67
7	De N. Jewett	Salary, July	2.43
7	John Forbes et al	Salaries, July	101.10
7	Ed. Allen et al	do	760.90
7	W. P. Cutler et al	do	995.57
7	W. D. Robbins et al	do	437.80
7	H. J. Ruppert	Rent of land, Bennings road, July	328.26
8	S. W. McGrew	Office expenses, July	41.66
8	S. W. McGrew et al	Salaries for July	3.70
8	David Parker et al	do	825.00
8	D. R. Krehbiel et al	do	462.59
8	Wm. Somerville, jr., et al	do	1,279.40
8	C. J. Sihler et al	do	948.94
9	Amelia Barthels et al	do	1,543.68
9	St. Louis National Stock Yards	Rent of rooms, July	505.00
9	M. L. Young	Salary for 2 days in July	50.00
9	James Irwin	Salary, July 1 to 15, inclusive	10.00
9	Chas. A. Wilcox	Salary for July	57.07
9	Edward Story	do	101.10
9	Henry B. Ambler	do	134.80
9	A. K. Robertson	do	151.60
9	D. Cumming	Salary eight experts for July	285.85
9	Albert B. Putney	Salary, 6 days in July	30.00
9	New England Telephone and Telegraph Co.	Cleaning and putting down carpet, July	4.47
9	International Clean Towel Co.	Telephone exchange and rental, Boston, July	12.00
9	Union Stock Yards and Transit Co.	Towel supply, Buffalo, July	5.16
9	B. A. Pierce	Office rent, Chicago, July	15.00
9	Davenport Fisher	Salary and expenses, July	140.32
9	Campbell & Gregg	Office expenses, July	2.60
9	A. D. Melvin	Toilet supplies, Milwaukee, July	4.50
9	Paul Rieser	Office expenses, July	59.61
9	The Office Toilet Supply Co.	3 galvanized-iron water pans	2.75
9	Chicago Telephone Co.	Use toilet supplies, Chicago, July	5.47
9	Rand, McNally & Co.	Telephone service, Chicago, July	10.42
9	Gahan & Byrne	Stationery supplies, Chicago, July	19.80
9	Thomas Manufacturing Co.	Office rent, Chicago, July	200.00
9	do	Meat-inspection tags	130.00
9	G. W. Tourtellot	do	325.00
9	A. O. Stoeltzing	Rent of rooms, Kansas City, July	45.00
9	A. C. Fulkerson	200 pounds tacks	20.50
9	Lawton & Burnap	Towel supply, Kansas City, July	8.25
9	Evans, Gallagher Drug Co.	Office supplies, Kansas City, July	4.40
9	The Oxley & Wilson Manufacturing Co.	do	42.89
9	J. H. Honan et al	do	14.50
9	Charles F. Nesbit	Rent of barrel labeling compound	
9	Evans Laundry Co.	Salaries for July	821.70
9	Packer's National Bank	Offices expenses, July	2.16
9	Standard Supply Co	Salary and expenses, July	415.50
9		do	278.85
9		Salary for July	117.90
9		1 dozen hog rings	3.00
9		Salary for July	101.10
9		Towel supply, South Omaha, July	2.25
9		Rent of rooms, South Omaha, July	45.00
9		Lead car seals	140.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 9	W. S. Devoe	Salary and expenses, July	\$334.75
11	B. Westermann & Co	Books and journals	23.40
11	E. L. Siggins et al.	Salaries for July	1,057.02
11	Dighton Granger et al.	do	800.10
11	Bay State Clean Towel Furnishing Co.	Towel supply, July	5.55
11	J. A. Doe	Ice for July	4.00
11	Berger Specialty Manufacturing Co.	Repairing and hanging awnings	16.25
11	Albert Dean	Salary and expenses for July	172.25
11	Otis E. Sadler	Salary for July	101.10
11	Philip H. Moore	do	101.10
11	Perry Hodgen	do	101.10
11	Wm. D. Jorden	Salary and expenses for July	142.60
11	W. H. Gibbs	do	121.80
11	Joseph Bruser	Salary for July	117.90
11	Howard Rhoads	Salary and expenses for July	137.65
11	Alexander Lobb	do	120.75
11	D. M. Ward	do	117.90
14	H. D. Mayne	Salary and expenses for July (5 days)	25.20
14	W. E. Gill	Salary and expenses for July	124.81
14	Chas. E. Collins	do	122.45
14	Grimm & Connelly	Ice for July, Chicago	7.80
14	Thomas Manufacturing Co.	Meat-inspection tags	325.00
14	Standard Supply Co	Lead car seals	700.00
14	Daniel D. Lee	Office expenses, July	1.40
14	R. C. Broughton	Salary, July 1-18	35.22
14	J. F. Ryder	Salary and expenses, July	294.50
14	Chas. R. Talbert	Hay, oats, bran, etc.	31.35
16	John Forbes	Salary, August 1-10, inclusive	43.48
16	S. W. McGrew	do	43.48
16	Jno. Nesbitt	Office rent, East St. Louis, Ill., July 1-16, inclusive	5.16
16	do	Office rent, East St. Louis, Ill., July 17-31, inclusive	4.84
16	S. E. O'Neill et al.	Salaries for July	228.96
16	John Loris, Jr., et al.	do	226.10
16	Frank W. Palmer, Public Printer	Congressional Record	4.00
17	G. W. Ward	Salary and expenses 1 day in July	5.50
18	R. W. Hickman	Office expenses, July	1.76
18	J. T. Claris	Salary and expenses, July	176.90
18	do	Office rent, Buffalo, July	10.00
18	Standard Supply Co	Lead car seals	140.00
18	do	do	140.00
18	do	do	140.00
18	W. A. Wray	Salary and expenses, July	462.72
22	Ch. K. Traub	2 mares killed, maladie du coit	135.00
22	W. M. Galt & Co	Cornmeal, bran, etc.	19.75
22	Adams Express Co.	Expressage	4.45
23	Emma Fish et al	Salaries for 1 day in July	3.26
23	Standard Supply Co	Lead car seals	280.00
23	C. H. Hanson	Stencils, paste, brushes, etc.	12.10
23	San Antonio and Aransas Pass Rwy. Co.	Transporting Norgaard	32.55
25	C. A. Melcher	Gasoline, matches, ink, etc.	19.70
26	Jno. C. Parker	Official Railway Guide, July 1, 1893, to July 1, 1894	5.00
30	Thomas Manufacturing Co.	Meat-inspection tags	65.00
30	James Peevey	Salary, July 17-31, inclusive	40.76
30	Dan. McCunningham	Salary and expenses for July	144.70
31	Craig & Harding	1 flat-top desk	34.00
31	D. E. Salmon	Expenses to New York and return	23.80
31	Theobald Smith	Expenses to Chicago and return	50.80
31	do	Eggs, meat, etc., for experiments	1.68
31	D. E. Salmon et al	Salaries for August	4,877.22
Sept. 1	Edwin L. Woodhouse	Slaughtered cattle	40.00
1	Ole Petersen	do	60.00
1	Theodore S. Park	do	35.00
1	Nicholas Janis	do	30.00
1	Stephen G. Campbell	do	25.00
1	J. O. Rourke	do	30.00
1	Metropolitan Telephone and Telegraph Co.	Telephone rent, New York City, July	21.65
2	Oxley & Wilson Manufacturing Co.	Labeling compound, etc.	5.60
2	H. J. Ruppert	Land rent, Bennings road, August	41.66
4	Edward H. Flood et al.	Salaries for August	745.20
4	John Michels et al.	do	656.45
4	Daniel D. Lee et al.	do	857.30
4	R. W. Hickman et al.	do	694.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 4	Julius Huelson et al.	Salaries for August	\$670.80
4	W. H. Rose et al.	..... do	1,070.70
4	Isaac L. Ball et al.	..... do	382.22
5	Wyckoff, Seamans & Benedict	Repairs to typewriter	1.10
5	Z. D. Gilman	Fernoline, etc.	4.25
6	Lewis R. Baker et al.	Salaries for August	1,759.69
6	Norman R. Adams et al.	..... do	2,202.89
6	E. Balzer et al.	..... do	1,730.35
6	A. D. Melvin	Salary and expenses	235.60
7	Wm. Bond & Son	Office rent, Boston, Mass., August	20.00
7	Francis Doane & Co	Ink and paper	3.75
7	Daniel D. Lee	Office expenses in August	3.00
7	J. E. Blackwell et al	Salaries for August	950.56
7	Campbell & Gregg	Toilet supplies, Milwaukee, August	4.50
7	Davenport Fisher et al	Salaries for August	988.28
7	James J. Brougham et al.	..... do	400.00
7	James T. Stuart et al	..... do	647.97
7	John Broderick	Office rent, New York City, August	16.00
7	H. A. Hedrick	Salary and expenses, August	147.90
7	do	Office expenses, August	1.50
7	Alex. Yearley & Son	Office rent, Baltimore, August	10.00
7	Mueller Bros. Furniture and Carpet Co.	Office chairs	5.00
7	O. H. Hall et al	Salaries for August	303.30
7	W. D. Robbins et al	..... do	338.00
7	Frank J. Thornburg et al	..... do	820.13
7	Evan H. Pritchard et al	..... do	559.60
7	Edward H. Flood	Office expenses for August	2.76
7	W. H. Rose	..... do	9.35
7	James Stikeman	Office rent, New York City, August	45.83
7	John Doris, jr., et al	Salaries for August	226.10
7	Chas. R. Talbert	Feed for August	213.85
7	Washington Gaslight Co.	Gas for August	13.75
8	Ed. R. Allen et al	Salaries for August	929.27
8	Howard Rhoads et al	..... do	909.70
8	Don C. Ayer et al	..... do	684.50
8	Wm. P. Cutler et al	..... do	377.20
8	E. L. Siggins et al.	..... do	745.67
8	S. Stewart et al	..... do	1,279.49
8	Amelia Barthels et al	..... do	478.96
8	James Peevey et al	..... do	919.24
8	S. E. O'Neill et al	..... do	356.02
8	David Parker et al	..... do	468.10
8	J. H. Honan et al	..... do	837.70
9	Victor A. Norgaard	Salary for August	151.60
11	A. C. Fulkerson	Towel supply for August	8.25
11	C. J. Sihler et al	Salaries for August	1,273.87
11	A. O. Stoeltzing	Tacks	20.50
11	A. K. Robertson	Salary and expenses, August	305.90
11	International Clean Towel Co.	Towel supply, August	3.78
11	E' W. Schirmer et al.	Salaries, August	765.50
11	Union Stock Yard and Transit Co.	Office rent, Chicago, August	15.00
11	B. A. Pierce	Salary and expenses, August	138.12
11	William C. Honan	Salary and expenses, July 17-31	53.00
11	do	Salary and expenses, August	102.06
11	M. L. Young	Salary, August, 6 days	30.00
11	Geo. C. Faville	Salary and expenses, August	272.85
11	Charles Cowie	Salary, August 16	5.00
11	Joseph Hawkins	Salary, August, 12 days	60.00
11	Edward Story	Salary, August	134.80
11	John Bingham	Stationery	7.40
11	Chicago Telephone Co.	Telephone service, Chicago, August	10.42
11	The Office Toilet Supply Co.	Toilet supply, Chicago, August	6.57
11	A. D. Melvin	Office expenses, August	50.36
11	Chas. E. Collins	Salary and expenses, August	127.05
11	Albert Deane	..... do	172.50
11	Ed. R. Allen	Office expenses, August .....	.60
11	D. Cumming	Salary for August, 10 days	50.00
11	Chas. A. Wilcox	Salary for August	101.10
13	David Pifferling	Slaughtered cattle	25.00
13	Bausch & Lomb Optical Co.	Mailing boxes	3.75
13	Thomas Manufacturing Co.	Inspection tags	32.50
13	Victor A. Norgaard	Expenses in July	78.95
13	W. T. Devoe	Salary and expenses, August	340.85
13	Charles F. Nesbit	Salary, August	101.10
13	William D. Jorden	Salary and expenses, August	139.60
13	Dan McCunningham	..... do	140.75
13	Bay State Clean Towel Furnishing Co.	Towel supply, August	3.72

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 13	Packers' National Bank	Office rent, South Omaha, August	\$45.00
13	The Metropolitan Telephone and Telegraph Co.	Telephone rent, New York City, July	20.00
14	G. W. Ward	Salary and expenses, August	89.90
14	Rand, McNally & Co	Stationery, etc	15.40
14	Griffin & Connelly	Ice, Chicago, August	8.10
14	Paul Rieser	Hardware, etc	2.30
14	Jerry Jackson	Cleaning matting, etc	3.00
14	C. A. Melcher	Varnish, soap, etc	15.55
14	J. A. Doe	Ice, South Omaha, August	3.60
14	Evans Laundry Co	Towel supply, August	2.25
14	John Warrack	Hauling seals and presses	1.00
14	D. Cameron	Paste for stamping	2.00
15	Standard Supply Co	Car seals	70.00
15	Charles O. Brockway	Hog rings	50.00
15	W. M. Galt & Co	Feed	36.00
15	Ch. B. Michener	Salary, Sept. 1 to 15	122.28
15	J. Somerville	Labor, Sept. 1 to 15	26.90
19	V. A. Moore	Expenses, September	39.59
19	do	Expenses, August	50.79
19	Geo. Cornish	Salary, Sept. 1 to 15	38.04
19	James Russell	do	35.00
19	John M. Foster	Labor and building materials, Baltimore	124.30
19	St. Louis National Stock Yards	Rent of rooms	50.00
19	Chas. A. Schaufler	Freight	1.09
19	Julius Huelson	Office expenses, August	10.75
19	do	Traveling expenses, August	2.70
19	Davenport Fisher	Office expenses, August	3.50
19	C. J. Tipler	Expressage	.70
19	G. W. Tourtellot	Rent of room, Kansas City	45.00
19	I. H. Homan	Office expenses, August	.35
19	W. H. Wray	Salary and expenses, August	458.50
19	J. F. Ryder	do	294.50
20	B. Westermann	Foreign publications	9.68
20	Henry B. Ambler	Salary and expenses, August	101.95
21	Standard Supply Co	Car seals	140.00
21	do	do	700.00
21	C. H. Hanson	Supplies, Chicago	2.50
21	Thomas Manufacturing Co.	Tags	325.00
21	E. A. Clapp	Office rent, August	10.00
21	Don C. Ayer	Turpentine, etc	1.75
21	New England Telephone and Telegraph Co.	Rental of telephone	10.00
21	Ed. F. Pickering	Calceling stamp	10.00
21	Edw. Shelden	Salary and expénses, August	389.75
21	H. D. Mayne	do	97.35
21	Gahan & Byrne	Office rent, Chicago	200.00
22	Standard Supply Co.	Car seals	140.00
23	Peter Paul & Bro	Copying books, etc	6.35
23	Peters & Eichel	Repairing locks, etc	6.00
23	Walbridge & Co.	Wash basins, etc	2.22
23	W. H. Keeler	Die, etc	7.65
23	Jeffrey & Gotshall	Repairing and cleaning micrometer	10.51
23	Nelson P. Hinkley	Moving furniture	1.50
23	do	Salary and expenses, August	156.85
23	Walter Chur, general manager American Railway Supply Co.	Tags	81.25
25	W. H. Gibbs	Salary, August; expenses, July	105.10
25	Miller Lock Co.	Repairs to boxes, etc	13.35
26	B. A. Pierce	Expressage	.30
26	do	do	.35
26	E. W. Schirmer	Hauling lead seals, etc	3.45
27	United States Express Co.	Expressage	3.35
28	Star Union Line	Freight charges	25.00
30	The Metropolitan Telephone and Telegraph Co.	Rent. telephone, etc., August	21.50
30	do	do	20.35
30	Fremont, Elkhorn and Missouri Valley R. R. Co.	Transportation furnished Faville and Shelden, August	39.00
30	Thomas Manufacturing Co.	Meat-inspection tags	325.00
30	D. E. Salmon et al	Salaries, September 1893	4,409.73
	Total salaries and expenses		84,340.86
	Total rent of laboratory		200.00
	Total swine plague		1,066.51
	Total amount of vouchers in quarter		85,607.37

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 2	H. J. Ruppert	Rent ground on Bennings road, September, 1893.	\$41.66
2	Theobald Smith	Expenses in laboratory, August and September, 1893.	3.28
2	Charles F. Dawson	Salary, September 10-30	70.00
4	A. G. Guthridge	Services, Oct. 1-3	6.85
5	Evan H. Pritchard et al	Salaries, September, 1893	506.60
5	Edw'd H. Flood et al	do	479.80
5	James Peevey et al	do	716.83
5	Chas. A. Schaufler et al.	do	189.20
5	John Doris, jr., et al.	do	243.80
5	Jas. J. Brougham et al.	do	372.20
5	O. H. Hall et al	do	293.40
5	Isaac L. Ball et al	do	395.30
5	R. W. Hickman et al.	do	614.03
5	W. H. Rose et al.	do	847.40
5	Washington Gaslight Co.	Gas, September, 1893	13.50
6	E. W. Schirmer et al.	Salaries, September, 1893	775.60
6	Don C. Ayer et al	do	697.60
6	S. E. O'Neill et al	do	416.80
6	J. E. Blackwell et al	do	973.60
6	W. D. Robbins et al	do	173.00
6	David Parker et al	do	486.27
6	Howard Rhoads et al	do	831.60
6	C. J. Sihler et al.	do	1,389.37
6	Davenport Fisher et al	do	999.80
6	Ed. R. Allen et al	do	774.80
6	Standard Supply Co.	Lead car seals	140.00
7	Thomas Manufacturing Co.	Inspection tags	130.00
7	Victor A. Norgaard	Salary and expenses, September, 1893	174.08
7	Dan'l D. Lee et al	Salaries, September, 1893	756.89
7	John Michels et al	do	783.67
7	Frank J. Thornbury et al	do	890.29
7	Lewis R. Baker et al	do	2,031.20
7	Norman R. Adams et al	do	2,128.76
7	Geo. W. Talbert	Cabbage, etc.	5.50
7	Geo. R. Seiffert	Type cleaners	17.50
7	Chesapeake and Potomac Telephone Co.	Telephone rent, July 1 to Sept. 30	67.19
9	Standard Supply Co	Lead seals	70.00
9	do	do	7.00
9	do	do	7.00
9	Z. D. Gilman	Chemicals, September, 1893	28.82
10	W. H. Rose	Office expenses, September, 1893	9.35
10	James Stikeman	Rent of rooms, New York	45.33
10	Edw'd Shelden	Salary and expenses, New York	341.25
10	Edw'd Story	do	97.80
10	Chas. A. Wilcox	Salary for September	97.80
10	B. A. Pierce	Salary and expenses for September	135.11
10	do	Freight on tags	2.25
10	Union Stock Yards and Transit Co.	Office rent, Chicago, Ill.	15.00
10	M. L. Young	Salary, September	80.00
10	Dan'l D. Lee	Office expenses, September	2.00
10	W. M. Bond & Son	Office rent, September, Boston	20.00
10	Rich'd H. Paine	Tar paper, etc.	4.55
10	New England Telephone and Telegraph Co.	Rent of telephone, September, Boston	10.45
10	Edw'd H. Flood	Office expenses, September, Philadelphia	4.69
10	The Bell Telephone Co. of Philadelphia.	Telephone rent, July 1 to Sept. 30	30.00
10	James T. Stuart et al	Salaries for September	658.82
10	Geo. C. Faville	Salary for September	264.05
10	Albert Dean	do	153.05
10	W. E. Hill	do	132.45
11	H. A. Hedrick	Salary and expenses, September	181.30
11	Chesapeake and Potomac Telephone Co.	Rent of telephone, Baltimore, July 1 to Sept. 30	25.00
11	Alex. Yearley & Son	Office rent, Baltimore, September	10.00
11	Julius Huelsen et al	Salaries, September	705.20
11	Julius Huelsen	Office expenses, September	2.45
11	St. Louis National Stock Yards	Room rent, National Stock Yards, September	50.00
11	Davenport Fisher	Office expenses, September	1.50
11	Campbell & Gregg	Toilet supplies, September, Milwaukee, Wis.	4.50
11	S. E. O'Neill	Office expenses, September	1.15
11	I. H. Honan	Office expenses, September, Hammond, Ind.	7.05
11	I. H. Honan et al	Salaries for September	848.60
11	John Broderick	Office rent, September, New York City	16.00
11	John A. Bell	Services, etc., September	19.32

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 11	Charles Cowie	Services, etc., September	\$5.00
11	D. Cumming	do	55.00
11	E. W. Schirnir	Office expenses, September	2.60
11	Henry B. Ambler	Salary and expenses, September	108.65
11	Ed. R. Allen	Office expenses, September	1.10
11	Chicago Watch Tool Co.	Repairs, etc., September, Chicago, Ill	77.00
11	A. D. Melvin	Salary and expenses, September	208.00
11	Gahan & Byrne	Office rent, September, Chicago, Ill	200.00
11	E. Balzer et al	Salaries, September	1,770.39
11	E. A. Clapp	Office rent, September, East St. Louis, Ill	10.00
11	Nelson P. Hinkley	Salary and expenses, September	147.80
11	B. Westermann & Co.	Foreign publications	21.20
12	A. E. Stoeltzing	Supplies furnished abattoir, Kansas City, September	34.24
12	do	do	22.70
12	W. A. Griswold	Supplies furnished abattoir, September, 1893, Kansas City	4.50
12	A. C. Fulkerson	Towels furnished abattoir, September, 1893, Kansas City	12.38
12	G. W. Tourtellot	Rent of rooms, September, 1893, Kansas City	45.00
12	A. Holzmark	Supplies, September, 1893, Kansas City	26.70
12	F. P. Burnap	do	2.45
12	Standard Supply Co	Lead seals	70.00
12	The Office Toilet Supply Co.	Office supplies, September, Chicago	6.14
12	Oxley & Wilson Manufacturing Co.	2½ barrels Willard's labeling compound	27.00
12	Chicago Telephone Co	Telephone service, September, Chicago, Ill	10.42
12	A. D. Melvin	Office expenses, Chicago, Ill	32.42
12	Atlas Tack Corporation	Tacks, Chicago, Ill	11.50
12	Chas. E. Collins	Salary and expenses, September	111.55
12	Dan. McCunningham	do	122.25
12	S. Stewart et al	Salaries, September	2,258.26
12	Evans Laundry Co.	Towel supply, September, South Omaha, Nebr.	2.25
12	C. A. Melcher	Varnish, September, South Omaha, Nebr.	15.90
12	do	do	2.50
12	W. Jackson et al	Salaries, September	349.40
12	Charles F. Nesbit	Salary, September	97.80
12	Bay State Clean Towel Furnishing Co.	Towel supply, September, Somerville, Mass.	4.65
13	Edward Story	Telegrams, July, 1893	7.45
13	do	Telegrams, August and September, 1893	2.92
13	John C. Jenkins	Services and expenses, Sept. 11 to 30, 1893	106.52
13	Thomas Manufacturing Co.	Inspection tags, August and September, 1893	35.75
13	Standard Supply Co	Lead seals	7.00
17	American Ice Co.	Ice, July, August, and September, 1893	12.82
17	Charles R. Talbert	Hay, oats, and bran, September	268.37
17	United States Express Co.	Expressage, September	6.80
17	Thomas Manufacturing Co.	Meat-inspection tags, September and October	35.75
17	Standard Supply Co.	Lead seals	70.00
17	James T. Stuart	Ivory soap, etc., September .....	.36
17	Joseph Hawkins	Services, 12 days in September	60.00
17	W. T. Devoe	Salary and expenses, September	303.22
17	H. A. Hedrick	Office expenses, September	4.44
17	J. F. Ryder	Salary and expenses, September	301.00
17	W. H. Wray	do	439.76
18	Thomas Manufacturing Co.	Meat-inspection tags, September and October	35.75
18	W. T. White et al	Salaries, September	682.46
19	Geo. R. Seiffert	1 paper shelf .....	.50
20	G. W. Ward	Salary and expenses, September	134.10
20	Griffin & Connally	Ice furnished, September, Chicago	8.03
20	Wm. C. Honan	Salary and expenses, Sept. 18, 1893	122.49
20	C. J. Sihler	Office expenses	3.00
20	Adams Express Co.	Expressage	8.00
21	A. Hoen & Co.	Inspection stamps	125.00
21	Standard Supply Co.	Lead seals	280.00
21	Thomas Manufacturing Co.	Meat tags	9.75
21	Stuart Bros. & Co.	Inkstand, pens, pencils, etc.	2.58
21	W. D. Robbins	Repairing locks	1.25
21	J. A. Doe	Ice furnished (South Omaha, Nebr.) September	2.30
21	Packers National Bank	Rent rooms (South Omaha, Nebr.) September	45.00
21	William D. Jorden	Salary and expenses, September	143.55
23	Thomas Manufacturing Co.	Condemned meat tags	13.75
23	do	do	5.75

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 23	Thomas Manufacturing Co.	Condemned meat tags.....	\$5.75
24	do	do.....	13.75
28	Albert Dean	Telegrams, July.....	23.14
28	do	Telegrams, August.....	15.02
28	do	Telegrams, September.....	7.45
28	Frederick Gross	Wood used in Baltimore, Md., September.....	4.50
28	L. A. Waters	Mucilage.....	4.00
28	F. S. Russell	Salary and expenses, September.....	230.50
31	Rand, McNally & Co	Stationery supplies, September, Chicago, Ill.....	9.65
31	H. D. Mayne	Salary and expenses, September.....	146.85
31	Nelson P. Hinkley	Rent of rooms, September, Buffalo, N. Y.....	25.00
31	Fowler Manufacturing Co., limited.	Towel service, September.....	5.58
31	Louis Shangran	1 mare killed, maladie du coit.....	30.00
31	Emanuel Romaro	do.....	30.00
31	Batiste Pourier	2 horses killed (1 stallion), maladie du coit.....	185.00
31	Walter Chur, General manager American Railway Supply Co.	Cattle tags, Oct. 20.....	16.25
31	Standard Supply Co.	Lead seals.....	70.00
31	Thomas Manufacturing Co	Meat inspection tags, September.....	130.00
31	do	Meat tags, Oct. 10.....	7.75
31	do	Meat tags, Oct. 18.....	5.75
31	do	Meat tags.....	5.75
31	do	Meat tags, September and October.....	35.75
31	do	Meat hooks.....	15.00
31	D. E. Salmon et al	Salaries for October.....	4,369.90
Nov. 1	H. J. Ruppert	Rent ground on Bennings road, October.....	41.66
1	Wyckoff, Seamans & Benedict	Repairs to typewriter.....	75
3	Washington Gas Light Co.	Gas in October.....	16.50
3	Ohio and Mississippi Rwy	Freight charges on tags.....	6.50
3	Metropolitan Telephone and Telegraph Co.	Rent telephone, in September.....	22.25
3	do	Rent telephone, September, New York.....	20.00
3	Vandalia Line	Freight on 1 box inspection stamps.....	4.37
3	Standard Supply Co.	Lead seals.....	700.00
3	Thomas Manufacturing Co.	Condemned meat tags.....	7.75
4	A. R. Stevens	Repairing harness.....	2.25
4	S. J. Weeks	Repairing buggy.....	5.25
4	Thomas Manufacturing Co	Meat inspection tags.....	35.75
4	do	Condemned meat tags.....	7.75
4	do	do.....	5.75
4	Standard Supply Co	Lead seals.....	70.00
4	do	do.....	7.00
4	R. W. Hickman et al	Salaries for October.....	635.90
4	John Broderick	Office rent, New York City, October.....	16.00
4	W. H. Rose et al.	Salaries, October.....	940.80
4	W. H. Rose	Expenses, October.....	9.22
4	James Stikeman	Office rent, New York City, October.....	45.83
4	Daniel D. Lee et al	Salaries, October.....	781.50
4	Isaac L. Ball et al	do.....	407.60
4	H. A. Hedrick	Salary and expenses.....	174.60
4	J. B. Van Sciver & Co	Desk and chairs, October, Camden, N. J.....	22.50
4	Julius Huelsen et al	Salaries, October.....	727.40
4	Julius Huelsen	Expenses, October.....	3.25
4	A. K. Robertson	Salary and expenses, October.....	260.72
4	O. H. Hall et al	Salaries, October.....	303.30
6	Standard Supply Co.	Lead seals.....	280.00
6	Thomas Manufacturing Co.	Meat-inspection tags.....	325.00
6	do	Condemned-meat tags.....	50.00
6	do	Meat-inspection tags.....	32.50
6	do	Condemned-meat tags.....	17.00
6	do	do.....	4.75
6	Chas. R. Talbert	Straw and hay.....	248.33
6	Edwd. H. Flood et al.	Salaries for October.....	495.10
6	John Doris, jr., et al	do.....	242.10
6	James Peevey et al.	do.....	666.10
6	Louis R. Baker et al	do.....	2,370.84
6	A. D. Melvin	Salary and expenses.....	213.50
7	Charles F. Nesbit	Salary for October.....	101.10
7	E. A. Clapp	Office rent, East St. Louis, October.....	10.00
7	Campbell & Gregg	Toilet supplies, October.....	4.50
7	Drake Brothers	Dammar varnish, etc.....	4.05
7	Davenport Fisher	Office and miscellaneous expenses, October.....	10.78
7	Davenport Fisher et al	Salaries for October.....	1,084.35
7	James T. Stuart et al	do.....	700.72
7	Evan H. Pritchard et al	do.....	521.70
7	James J. Brougham et al	do.....	383.90
7	John Michels et al	do.....	832.22
7	S. C. O'Neill et al	do.....	485.35

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 7	W. D. Robbins et al.	Salaries for October	\$178.50
7	Ed. R. Allen et al	do	802.10
7	B. Westermann & Co	Foreign publications	7.75
9	Edward Story	Salary for October	101.10
9	do	Expenses for October	1.84
9	D. Cumming	Salary for October	60.00
9	M. L. Young	do	60.00
9	Chas. A. Wilcox	do	101.10
9	John A. Bell	Services and expenses for October	9.60
9	S. Stewart et al	Salaries for October	2,423.93
9	Keystone Land and Cattle Co	1 horse killed, maladie du coit	30.00
9	Geo. C. Faville	Salary and expenses in October	281.35
9	Edward Shelden	do	448.75
9	Edward H. Flood	Expenses in October	4.76
9	Ed. R. Allen	do	2.00
9	American Railway Supply Co	Cattle tags	65.00
9	St. Louis and San Francisco Rwy. Co.	Transportation for A. K. Robertson	33.45
10	C. J. Sihler et al	Salaries, October	1,585.33
10	A. C. Fulkerson	Towel supply, October, Kansas City	9.06
10	R. G. Ramsey	Supplies, October	6.00
10	A. O. Stoezlitz	Supplies, October, Kansas City	47.95
10	G. W. Tourtellot	Rent of rooms, October, Kansas City	45.00
10	A. Holzman	Supplies, October, Kansas City	14.45
10	Gahan & Byrne	Office rent, October, Chicago	200.00
10	Norman R. Adams et al	Salaries, October, Chicago	2,382.18
11	C. Becker	Plush lap robe	6.50
11	David Pifferling	2 cows	30.00
11	W. M. Galt & Co	Meal, bran, etc.	31.13
11	W. S. White et al	Salaries for October	764.70
11	Howard Rhoads et al	do	555.90
11	Union Stock Yard and Transit Co.	Office rent, October, Chicago	15.00
11	William C. Howan	Salary and expenses, October	125.25
11	Bernhard P. Wende et al	Salaries for October	528.70
11	W. D. Robbins	Expenses for October	7.40
11	Layton & Co	Repairs at abattoir	100.00
13	Bausch & Lomb Optical Co	Repairing microtome knives	2.50
13	Thomas Manufacturing Co	Meat inspection tags	130.00
13	H. A. Hedrick	Expenses during October	3.46
13	Alex. Yearley & Son	Office rent in October, Baltimore, Md	10.00
13	Fowler Manufacturing Co., limited.	Towel service, October, Buffalo, N. Y	4.80
13	Frank J. Thornbury et al	Salaries, October	925.60
14	Adams Express Co	Transportation, A. D. Melvin et al, October	52.55
14	W. S. Devoe	Salary and expenses, October	333.22
14	A. D. Melvin	Expenses, October	38.40
14	Charles Cowie	Services, October	52.99
14	Joseph Hawkins	do	60.00
14	Albert Dean	Salary and expenses, October	184.19
14	William D. Jorden	do	147.85
16	Packers National Bank	Rent of rooms, October, South Omaha, Nebr.	45.00
16	A. C. Raymer	Repairing boxes, October, South Omaha, Nebr.	11.70
16	J. A. Doe	Ice furnished, October, South Omaha, Nebr.	2.40
16	Evans Laundry Co	Towel supply, October, South Omaha, Nebr.	3.25
16	J. P. Cooke & Co	1 stamp	2.50
16	J. E. Blackwell et al	Salaries for October	2,642.08
16	Nelson P. Hinkley	Salary and expenses, October	180.06
16	S. J. Nelson	1 ton coal, New York City	6.75
16	J. H. Honan et al	Salaries for October	915.70
16	W. A. Wray	Salary and expenses, October	419.51
16	J. F. Ryder	do	294.50
16	Chicago Telephone Co	Telephone service, October	10.42
16	E. Balzer et al	Salaries, October	1,744.05
16	W. E. Hill	Salary and expenses, October	124.65
16	Chas. E. Collins	do	146.95
16	George C. Moser	Salary and expenses, October, 16 days	54.17
16	John C. Jenkins	Salary and expenses, October	135.85
16	Charles A. Schaufier et al	Salaries, October	195.40
16	Griffin & Connelly	Ice furnished, October, Chicago, Ill.	6.42
16	Office Toilet Supply Co.	Toilet supplies, October, Chicago, Ill.	7.62
16	Theobald Smith	Expenses, October	41.84
17	Nelson P. Hinkley	Rent of rooms, October, Buffalo, N. Y	25.00
17	St. Louis National Stock Yards	Rent of rooms, October	50.00
17	Jas. J. Brougham	Expenses in October	1.00
17	Philip H. Moore	Salary and expenses, October	106.74

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 17	Frank T. McMahon	Salary, October	\$134.80
17	Gustave Branche	do	22.83
17	F. L. Russell	Salary and expenses, October	250.15
17	G. W. Ward	do	110.70
17	Wingate Jackson et al	Salaries, October	442.96
17	E. Ellis Williams	Cattle ticks	2.00
17	Thomas Manufacturing Co	Meat-inspection tags	65.00
17	do	do	325.00
17	do	do	325.00
17	Standard Supply Co	Lead seals	700.00
17	do	do	700.00
17	The Missouri Pacific Rwy. Co	Transportation John C. Jenkins, September	2.00
17	Fremont, Elkhorn and Missouri Valley R. R. Co.	Transportation Edward Shelden and G. C. Faville.	5.56
18	Z. D. Gilman	Test tubes, etc	86.82
18	Bay State Clean Towel Furnishing Co.	Towel supply, October, Somerville, Mass.	3.72
18	Wm. Bond & Son	Rent of office, October, Boston, Mass.	20.00
18	New England Telephone and Telegraph Co.	Rent and service of telephone, October, Boston, Mass.	10.00
18	T. F. Chilton	Coal, October, Kansas City	13.00
18	Matilda H. Cowing, executrix	Services of W. J. Cowing, Oct. 1 to 16, inclusive.	78.26
20	Charles F. Dawson	Services, October	100.00
20	do	Services, Nov. 1-9	30.00
20	D. E. Salmon	Expenses to Chicago, Ill., and return, October.	132.50
20	W. Jackson	Express charges, etc., Kansas City	4.25
20	James T. Stuart	Express charges	6.29
20	J. H. Honan	Express charges and drayage, etc., October and November.	3.75
20	James J. Brougham	Office expenses for September	1.05
20	C. J. Sihler	Express charges on tags, etc., October	2.50
21	Eimer & Amend	Cedar oil, etc., November	6.00
21	Thomas Manufacturing Co	Meat-inspection tags	65.00
21	do	do	35.75
21	do	Condemned-meat tags	5.75
21	do	do	2.00
21	Standard Supply Co	Lead seals	70.00
21	do	do	7.00
22	Daniel D. Lee	Express and freight charges, October	12.52
22	C. A. Melcher	Varnish, etc.	22.35
22	J. E. Blackwell	Stationery, etc	12.40
22	Otis E. Sadler	Salary and expenses, October	108.48
23	Joel W. Crowe	1 stallion killed, maladie du coit	100.00
23	R. W. Hickman	Express on tags, October	1.17
23	Joseph Hawkins	Services in November, 6 days	30.00
24	Perry Hodgden	Salary and expenses, Oct. 1-15	49.40
24	Standard Supply Co	Lead seals	280.00
24	J. B. Mahaffy, agent American Express Co.	Expressage, Ottumwa, Iowa	2.85
24	L. A. Culbertson	Coal for office, Ottumwa, Iowa	4.72
24	E. C. Schroeder	Travel and expenses, November	4.75
25	O. H. Hall	Expenses, October	3.15
27	J. S. Ford, Johnson & Co	1 Office chair (Hammond, Ind.)	6.75
27	G. A. Malcom	Office rent, etc., October	13.00
27	Thomas Manufacturing Co	Meat-inspection tags	325.00
27	Atchison, Topeka and Santa Fe R. R. Co.	Transportation	8.35
28	The Metropolitan Telephone and Telegraph Co.	Rent of telephone, October, New York City	20.45
28	do	do	21.65
28	Standard Supply Co	Lead seals	700.00
28	H. D. Mayne	Salary and expenses, 18 days, October	121.10
28	John C. Parker	2 sets leather index numbers, etc., September and October.	4.50
Dec. 1	D. E. Salmon et al.	Salaries for November	4,301.18
1	A. E. Foote	Stossich's I Distomi Mammiferi	.75
1	Chas. O. Brockway	Hog rings	25.00
1	Thomas Manufacturing Co	Condemned meat tags	10.00
1	J. H. Linehan	Salary and expenses, 16 days, December	102.55
1	Vandalia Line	Freightage, September 16, 1893	3.95
1	Wyckoff, Seamans & Benedict	1 No. 2 typewriter, etc., October and November.	86.20
4	E. A. de Schweinitz	Meat for culture media	2.80
6	H. J. Ruppert	Rent ground on Bennings road, November	41.66
6	Washington Gaslight Co.	Gas, November, laboratory	19.25
6	Edward H. Flood et al	Salaries, November	479.80
6	Edward H. Flood	Towel supply, November	2.69
6	James J. Brougham et al.	Salaries, November	372.20

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 6	Isaac L. Ball et al	Salaries, November	\$395.30
6	Arthur F. Lawrence & Co.	Coal, November, Baltimore, Md.	6.45
6	H. A. Hedrick	Salary and expenses, November	168.70
6	Charles A. Schaufler et al	Salaries, November	189.20
6	James T. Stuart et al	do	788.72
7	Dan'l D. Lee et al	do	743.44
7	John Michels et al	do	902.77
7	Lewis R. Baker et al	do	2,300.20
7	A. D. Melvin	Salary and expenses, November	208.00
7	Norman R. Adams et al	Salaries, November	2,471.30
7	James Peevey et al	do	793.11
7	W. H. Rose et al	do	946.12
7	James Stikeman	Rent of office, November, New York City	45.83
7	W. H. Rose	Expenses, November, New York City	9.75
7	Julius Huelsen et al	Salaries, November	705.20
7	Julius Huelsen	Office expenses, etc., November, Jersey City	4.10
8	J. H. Honan et al	Salaries, November	904.60
8	Evan H. Pritchard et al	do	477.82
8	Howard Rhoads et al	do	652.40
8	W. D. Robbins et al	do	173.00
8	O. H. Hall et al	do	293.40
8	Bernhard P. Wende et al	do	524.60
8	Frank J. Thornbury et al	do	927.36
8	E. Balzer et al	do	1,665.33
8	Davenport Fisher et al	do	1,105.72
8	Wingate Jackson et al	do	450.19
8	R. W. Hickman et al	do	669.11
8	John Doris, jr., et al.	do	235.80
8	Ed R. Allen et al	do	895.97
9	S. Stewart et al	do	2,219.40
9	W. S. White et al	do	751.20
9	J. E. Blackwell et al	do	2,904.82
9	C. J. Sihler et al	do	1,683.23
9	S. E. O'Neill et al	do	490.20
9	N. Moersfelder	Sharpening scissors	2.25
9	William C. Honan	Salary and expenses, November	116.87
9	Chas. E. Collins	do	102.30
9	Otis E. Sadler	do	102.94
9	George C. Moser	do	101.00
9	Geo. C. Faville	do	270.80
9	Drake Brothers	Varnish, etc.	7.80
9	Campbell & Gregg	Toilet supplies	4.50
9	Chas. A. Wilcox	Salary	97.80
9	J. H. Linehan	Salary and expenses, November	104.55
9	M. L. Young	Salary, 5 days, November	25.00
9	D. Cumming	Salary, 15 days, November	75.00
9	Charles Cowie	Salary, 24 days, November	120.40
9	Theobald Smith	Expenses in laboratory, October and November.	3.37
9	B. Westermann & Co.	Foreign books, November	14.75
9	J. Baumgarten & Son	2 stamps (automatic)	2.75
11	Bausch & Lomb Optical Co.	Mailing boxes	3.75
11	Western Union Telegraph Co.	1 telegram	.43
12	A. D. Melvin	Miscellaneous expenses, November	3.40
12	Gahan & Byrne	Office rent, November, Chicago, Ill.	200.00
12	Edward Story	Telegrams	99.09
12	W. S. Devoe	Salary and expenses, November	331.00
12	Joseph A. Bogardus	Carpet tacks	6.00
12	John Broderick	Office rent, November, New York City	16.00
12	G. A. Malcom	Office rent, etc., Hammond, Ind.	26.00
12	J. H. Honan	Miscellaneous expenses, Hammond, Ind.	3.46
12	G. H. Hammond & Co.	Labeling compound, Hammond, Ind.	12.00
12	Altas Tack Corporation	50 pounds of tacks, Hammond, Ind.	5.75
12	C. H. Hanson	Ink, brushes, etc., November, Hammond, Ind.	2.50
12	Philip M. Moore	Salary and expenses, November	108.83
12	William D. Jordan	do	155.70
12	Dan McCunningham	do	234.20
12	Albert Dean	do	156.25
12	Charles F. Nesbet	do	97.80
12	Alex. Yearley & Son	Rent of office, Baltimore, November	10.00
12	H. A. Hedrick	Miscellaneous expenses, Baltimore, November	1.93
12	Frederick Gross	Wood, Baltimore, November	4.00
12	E. A. Clapp	Rent of office, East St. Louis, November	10.00
12	Daniel D. Lee	Miscellaneous expenses, November	4.05
12	New England Telephone and Telegraph Co.	Exchange service and rental	10.00
12	Bay State Clean Towel Furnishing Co.	Towel supply, November	3.72

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 12	Wm. Bond & Son.....	Office rent, Boston, November.....	\$20.00
12	Arthur Ponto	Transporting sample boxes.....	7.00
12	Union Stock Yard and Transit Co.....	Office rent, Chicago, November.....	15.00
12	Wm. D. Robbins	Stencil plates.....	1.50
12	St. Louis National Stock Yards.....	Rent of rooms, November.....	50.00
12	James T. Stuart	Office and miscellaneous expenses, November.....	2.43
12	G. W. Tourtelot.....	Rent of room, Kansas City, November.....	45.00
12	A. O. Stoeltzing	Supplies, Kansas City, November.....	43.90
12	Evans Gallaher Drug Co.....	Paste and varnish brushes, November.....	6.00
12	James Sullivan.....	Coal, November.....	7.50
12	Chicago and Erie R. R. Co	Freight on lead seals, November.....	15.84
12	Z. D. Gilman	Chemicals, etc., November.....	13.78
12	Chicago Telephone Co	Telephone service, Chicago, November.....	10.42
12	The Office Toilet Supply Co	Toilet supplies, Chicago, November.....	6.14
12	Paul Rieser	Repairing lock boxes, etc., November.....	3.25
12	Rand, McNally & Co	Manila envelopes, etc., November.....	2.00
12	John A. Bell	Services and expenses, 2 days in November.....	19.20
12	C. A. Melcher	Varnish, turpentine, etc.....	34.65
12	Koutsky Bros	Tacks.....	13.50
12	J. E. Blackwell	Miscellaneous expenses, November.....	4.55
12	Evans Laundry Co.....	Towel supply, South Omaha, November.....	3.25
12	Packers' National Bank.....	Rent of rooms, South Omaha, November.....	45.00
12	Fowler Manufacturing Co., Limited.....	Towel service, Buffalo, N. Y., November.....	4.80
12	Nelson P. Hinkley	Rent of rooms, etc., Buffalo, N. Y., November.....	25.00
12	Fred W. Huntington	Services, 4 days.....	20.00
12	United States Express Co	Express charges, November.....	3.80
12	C. O. Brockway	Hog rings.....	25.00
13	H. D. Mayne	Services and expenses, 11 days, November.....	67.60
13	J. A. Liggett	Services, 16 days, November.....	31.30
13	James Eiley	Services, 17 days, November.....	34.00
13	J. F. Ryder	Salary and expenses, November.....	286.00
13	Nelson P. Hinkley	Salary, November.....	146.80
13	A. C. Fulkerson	Towel supply, Kansas City, Kans., November.....	8.10
13	Chicago and Northwestern Rwy Co.....	Freight on lead seals.....	3.33
13	Davenport Fisher	Office expenses, Milwaukee, Wis., November.....	3.77
13	A. L. Reynolds	Varnish and tacks, November.....	2.10
14	The Missouri Pacific Rwy. Co	Transportation, Jno. C. Jenkins, October.....	5.45
14	Simon Kelly	Salary, November.....	58.80
14	John C. Jenkins	Salary and expenses, November.....	162.58
14	O. H. Hall	Miscellaneous expenses, November.....	1.90
14	A Hoen & Co	Engraving and printing illustrations, December.....	1,200.00
14	do	Inspection tags.....	125.00
16	F. L. Russell	Services and expenses, November, 23 days.....	274.24
16	Griffin & Connelly	Ice, November, Chicago office.....	5.40
16	Burdett & Williams	Tacks, etc., November, Somerville, Mass.....	4.50
16	Dan McCunningham	Salary and expenses, November.....	168.55
16	American Railway Supply Co	Cattle tags, December.....	81.25
16	do	do	81.25
18	John Bingham	Stationery, November, New York.....	1.90
18	Thomas McDermott	Salary, Dec. 1-14, 1893	27.39
18	Chas. W. Petty	Salary, Dec. 1-15, 1893, less two Sundays	32.50
18	American Railway Supply Co	Cattle tags.....	32.50
18	Thomas Manufacturing Co	Meat tags, December.....	10.00
18	do	Meat tags, October.....	5.75
18	do	Meat tags, November.....	2.75
18	Standard Supply Co	Lead seals, December.....	140.00
18	do	Lead seals, October.....	70.00
18	do	Lead seals, November.....	7.00
19	Jamaica Plain News	Printing lists of cattlemen, December	3.00
19	G. W. Ward	Services and expenses, November (4 days)	23.90
19	Hannibal and St. Jo R. R. Co	Freight charges	16.18
19	United States Express Co	Transportation	1.55
22	O. H. Hall et al	Salaries, December, 1893	146.73
22	E. C. Schroeder	Expenses, December, 1893	7.65
26	Edward Shelden	Salary and expenses, November, 1893	245.75
26	Fremont, Elkhorn and Missouri Valley R. R. Co	Transportation, November, 1893	40.76
26	Thomas Manufacturing Co	Condemned meat tags	9.75
26	do	Meat inspection tags	65.00
26	Adams Express Co	Transportation	12.05
26	The Metropolitan Telephone and Telegraph Co	Telegraph services and rent, November	20.30

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 26	Chas. O. Brockway	Hog rings	\$50.00
26	George B. Richards	Tacks	12.50
30	The Oxley & Wilson Manufacturing Co.	Willard's labeling compound	30.00
30	Standard Supply Co	Lead seals	700.00
30	D. E. Salmon et al	Salaries for December	4,302.50
		Salaries and expenses in quarter.	123,282.33
	Rent of laboratory		300.00
	Swine plague		1,153.40
	Additional compensation		500.00
	Total amount of vouchers in second quarter		125,235.73
1894.			
Jan. 2	F. L. Kilborne	Expenses, November, 1893	\$9.51
2	J. Baumgarten & Son	Rubber stamps, pads, December	11.70
3	Chas. W. Badger	Varnish, etc	2.95
3	Wm. Bond & Son	Rent office, Boston, Mass., December	20.00
3	Daniel D. Lee	Office and miscellaneous expenses, Boston, Mass., December	6.10
3	W. H. Wray	Salary and expenses, November	402.40
3	The Metropolitan Telephone and Telegraph Co.	Telephone rent	21.35
3	H. J. Ruppert	Rent of ground on Bennings road, December	41.66
4	Chas. A. Schaufler et al	Salaries, December	195.40
4	Isaac L. Ball et al	do	407.60
4	Edward H. Flood et al	do	495.10
4	R. W. Hickman et al	do	669.25
4	John Doris, jr., et al	do	225.70
4	Albert Dean et al	do	269.50
4	John Michels et al	do	1,209.88
4	Dan'l Lee et al	do	764.60
6	Evan H. Pritchard et al	do	700.28
6	C. J. Sihler et al	do	1,651.71
6	C. H. Davies et al	do	968.18
8	J. E. Blackwell et al	do	3,104.30
8	Western Union Telegraph Co	Telegrams, August	11.18
8	do	Telegrams, July	14.56
8	do	Telegrams, September	10.50
8	Chas. R. Talbert	Oats, etc	50.93
8	Annie Burnett	Washing towels, December	3.90
8	Chas. F. Nesbit	Salary, December	101.10
9	Lewis R. Baker et al	Salaries, December	2,350.13
9	E. Balzer et al	do	1,687.97
9	Norman R. Adams et al	do	2,548.75
10	Frank J. Thornbury et al	do	963.86
10	Nelson P. Hinkley	Salary, December	151.60
10	Bernhard P. Wende et al	Salaries, December	550.92
10	Julius Huelsen	Office and miscellaneous expenses, December	2.70
10	Julius Huelsen et al	Salaries, December	727.40
10	William D. Jorden	Salary and expenses, December	119.05
10	Dan McCunningham	Salary, December	101.10
10	S. Stewart et al	Salaries, December	2,289.40
10	D. Cumming	Salary, December, 8 days	40.00
10	Wingate Jackson	Office expenses, December	10.15
10	J. H. Linehan	Salary, December	101.10
10	St. Louis National Stock Yards	Rent office, December	29.25
10	James J. Brougham et al	Salaries, December	375.50
10	John Broderick	Office rent, December, New York	16.00
10	E. A. Clapp	Office rent, December, East St. Louis	10.00
10	American Railway Supply Co	Cattle tags	16.25
10	James Peevey et al	Salaries, December	761.80
10	I. H. Honan et al	do	933.90
10	Fred W. Huntington	Salary, December, 18 days	90.00
10	W. S. White et al	Salaries, December	595.23
10	S. E. O'Neill et al	do	496.50
10	John Airth et al	do	314.90
10	James T. Stuart et al	do	809.72
10	W. H. Rose et al	do	909.06
11	Davenport Fisher et al	do	1,074.16
11	H. A. Hedrick	Salary and expenses, December	160.50
11	do	Office and miscellaneous expenses, December	2.19
11	Frederick Gross	Coal, December, Baltimore, Md	6.45
11	Alex. Yearly & Son	Rent office, December, Baltimore, Md	10.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 11	Chesapeake and Potomac Telephone Co.	Rent telephone, quarter ending Dec. 31, 1893.	\$25.00
11	A. C. Fulkerson	Towel supply, December, Kansas City, Kans.	8.10
11	Evans Gallagher Drug Co.	Supplies, December, Kansas City, Kans.	2.24
11	James Sullivan	do	9.50
11	A. O. Stoeltzing	do	39.20
11	F. P. Burnap	do	3.25
11	G. W. Tourtelot	Rent of rooms, December	45.00
11	Griffin & Connolly	Ice, December, Chicago, Ill.	4.50
11	Rand, McNally & Co.	Supplies, December, Chicago, Ill.	7.45
11	The Office Toilet Supply Co.	Toilet supplies, December, Chicago, Ill.	6.12
11	Chicago Telephone Co.	Telephone service, December, Chicago, Ill.	10.42
11	Gahan & Byrne	Office rent, December, Chicago, Ills.	200.00
11	A. D. Melvin	Salary and expenses, December	213.50
11	Simon Kelly	Salary, December	60.60
11	H. D. Mayne	Salary and expenses, December, 8 days, New York.	48.60
11	Edward Shelden	Salary and expenses, 2 days	26.63
11	B. Westermann & Co.	Foreign publications	23.75
11	The Chesapeake and Potomac Telephone Co.	Exchange rental, etc., December	37.19
12	Packers' National Bank	Rent of rooms, December, South Omaha	45.00
12	Evans Laundry Co.	Towel supply, December, South Omaha	3.25
12	Campbell & Gregg	Towel supplies, December, Milwaukee	4.50
12	Arthur Ponto	Services, December, 24 days	24.00
12	Davenport Fisher	Office and miscellaneous expenses, December	5.10
12	The Bell Telephone Co. of Philadelphia.	Use telephone, Oct. 1 to Dec. 31, 1893	30.00
12	Edward H. Flood	Office and miscellaneous expenses, December	4.49
12	G. W. Ward	Services and expenses, December, 2 days	11.25
12	Daniel D. Lee	Express charges, December	.35
12	New England Telephone and Telegraph Co.	Telephone rental, December	10.00
12	Burditt & Williams	Tacks, December	25.92
12	Bay State Clean Towel Furnishing Co.	Towel supply, December	4.65
12	James Stikeman	Rent of office, December	45.87
12	W. H. Rose	Office and miscellaneous expenses, December	13.20
12	M. Swigert	1 black stallion killed (maladie du coit)	150.00
12	Geo. C. Faville	Salary and expenses, December	170.28
12	Wingate Jackson et al.	Salaries, December	496.75
12	Oxley & Wilson Manufacturing Co.	Willard's labeling compound, November	5.60
13	F. L. Kilborne	Telegrams and expenses, December	179.66
16	Union Stock Yard and Transit Co.	Office rent, December, Chicago	15.00
16	Charles E. Parker	Salary, December, 10 days	50.00
16	do	Salary, November, 4 days	20.00
16	W. H. Wray	Salary and expenses, December, 31 days	415.61
16	J. F. Eyden	Salary and expenses, December	309.50
16	C. A. Melcher	Varnish, etc., December	33.10
16	Standard Supply Co.	Lead seals, December	420.00
16	Koutsky Bros.	Tacks, etc., December	32.05
16	J. P. Cook & Co.	Canceling stamp, December	2.50
16	James T. Stuart	Office and miscellaneous expenses, December	3.58
16	Charles Cowie	Salary, December, 9 days	45.00
16	Nelson P. Hinkley	Rent of room, December, Buffalo, N. Y.	25.00
16	do	Office and miscellaneous expenses, December, Buffalo, N. Y.	3.75
16	do	Office and miscellaneous expenses, October, 1893, Buffalo, N. Y.	5.65
16	W. H. Keeler	Ink, etc., October, 1893, Buffalo, N. Y.	12.50
16	do	1 stamp, September, 1893, Buffalo, N. Y.	4.50
16	do	5 stamps, December, 1893, Buffalo, N. Y.	1.50
16	Peter Paul & Bro.	Day books, etc., August, 1893, Buffalo, N. Y.	4.15
16	do	Inkstands, etc., September, 1893, Buffalo, N. Y.	2.60
16	W. C. Farel	2 canvas cases, December, 1893, Buffalo, N. Y.	3.50
16	Peters & Eichel	Repairing boxes, etc., November, 1893, Buffalo, N. Y.	4.75
16	Fowler Manufacturing Co., Limited.	Towel service, December, 1893, Buffalo, N. Y.	6.00
16	S. L. Brooking	Salary for December	117.90

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 16	S. L. Brooking	Office and miscellaneous expenses, December.	\$2.00
16	W. S. Devoe	Salary and expenses, December	316.35
16	G. A. Malcolm	Office rent, etc., December	26.00
16	Thomas Manufacturing Co.	Inspection tags, December	195.00
16	do	Meat hooks, December	15.00
16	do	do	15.00
16	do	Inspection tags, December	65.00
16	do	Meat tags, December	4.00
17	D. Pifferling	1 heifer for experiments	15.00
17	W. M. Galt & Co	Meal, etc., December	35.43
17	Z. D. Gilman	Corrosive sublimate, etc., November	4.85
17	Pennsylvania R. R. Co.	Transportation, December	11.20
17	The Missouri Pacific Rwy. Co.	Transportation furnished J. C. Jenkins, October and November.	7.75
17	L. A. Culbertson	Coal, Ottumwa, Iowa, December	5.20
17	A. D. Melvin	Office and miscellaneous expenses, December	5.55
17	Frank T. McMahon	Salary, December	134.80
17	do	Office and miscellaneous expenses, December	10.15
17	J. E. Blackwell	do	12.70
18	United States Express Co.	Transportation	3.50
18	do	do	18.75
18	Davenport Fisher	Stencils	1.20
18	Charles F. Nesbit	Salary, January 1-15	50.00
18	F. L. Russell	Salary and expenses, January, 9 days	106.38
20	A. B. McCleary	2 barrels corn smut	5.00
20	Kansas City, Fort Scott and Memphis R. R. Co.	Transportation for J. C. Jenkins	10.00
20	Baltimore and Ohio R. R. Co.	Transportation, November, 1893	1.20
20	Western Union Telegraph Co.	Telegraph service, July, Chicago	19.65
20	do	Telegraph service, August, Chicago	6.66
20	do	Telegraph service, September, Chicago	10.73
20	do	Telegraph service, October, Chicago	5.35
20	do	Telegraph service, November, Chicago .....	.85
20	Central R. R. Co. of New Jersey	Freight on paper tags, November, 1893	1.15
23	Thomas Manufacturing Co.	Meat inspection tags	325.00
23	Standard Supply Co.	Lead car seals	700.00
23	Adams Express Co.	Transportation, D. E. Salmon et al., December	15.10
24	Wilmarth & Edmonston	1 Pasteur filter tube	1.00
25	A. Sampson	Ink, pens, etc.	13.25
26	A. Hoen & Co.	Interstate inspection stamps	1,250.00
30	Western Union Telegraph Co.	Telegraphing, November, 1893	9.13
30	Thomas Manufacturing Co.	Meat inspection tags	65.00
30	Standard Supply Co.	Lead seals	70.00
31	D. E. Salmon et al	Salaries, January	4,259.40
Feb. 1	Michael K. Boyer	Books of reference, January	3.15
1	John Airth	Varnish brushes, etc	9.15
1	A. Hoen & Co.	Freight and express charges	34.12
1	Atlas Tack Corporation	Tacks, Hammond, Ind.	5.75
1	Thomas Manufacturing Co.	Meat inspection tags	325.00
1	Oxley & Wilson Manufacturing Co.	Labeling compound	34.00
1	The Metropolitan Telephone and Telegraph Co.	Rent of telephone, December, New York	21.05
1	do	do	20.00
2	Western Union Telegraph Co.	Telegrams, October	7.34
2	Washington Gaslight Co.	Gas, December, 1893	22.50
3	Standard Supply Co.	Lead seals	700.00
5	Julius Huelsen et al	Salaries, January, 1894	742.00
5	Edward H. Flood	Office expenses, January, 1894	1.71
5	Edward H. Flood et al	Salaries, January, 1894	506.30
5	Daniel D. Lee et al	do	781.80
5	W. H. Rose et al	do	917.70
5	R. W. Hickman et al	do	654.10
5	H. A. Hedrick et al	do	554.60
5	John Doris, Jr., et al	do	286.10
5	Charles A. Schaufler et al	do	199.80
6	Lewis R. Baker et al	do	3,031.80
6	A. D. Melvin	Salary and expenses, January, 1894	217.20
6	James T. Stuart et al	Salaries, January, 1894	817.40
6	Evan H. Pritchard et al	do	770.50
6	Wm. M. Balmer et al	do	1,215.23
6	Jas. V. Devine et al	do	837.80
6	James J. Broughman et al	do	444.10
6	Geo. C. Faville	Salary and expenses, January, 1894	129.60
6	E. A. de Schweinitz	Meat, January, 1894	2.67
6	Chas. R. Talbert	Hay, etc., January, 1894	219.77

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 6	H. J. Ruppert	Rent land on Bennings road, January, 1894	\$50.00
7	Norman R. Adams et al.	Salaries, January	2,498.00
7	E. Balzer et al	do	1,761.96
7	S. E. O'Neill et al	do	315.60
7	W. D. Robbins et al	do	149.33
7	Wingate Jackson et al	do	508.10
7	Joseph Bruser et al	do	146.10
7	Simon Kelly	Salary, January	62.00
8	J. E. Blackwell et al	Salaries, January	3,086.20
8	W. T. White et al	do	183.90
8	C. J. Sihler et al	do	1,431.70
8	S. L. Brooking et al	do	1,169.50
8	J. H. Honan et al	do	953.90
8	Nelson P. Hinkley	do	745.20
8	Frank C. Nesbit	Salary, January 16-31, inclusive	53.33
8	Washington Gaslight Co.	Gas, January	21.75
9	Frank J. Thornbury et al.	Salaries, January	977.30
9	Davenport Fisher et al	do	415.91
9	W. S. Devoe	Salary and expenses, January	355.70
9	Albert Dean	do	174.25
9	William D. Jorden	do	103.30
9	J. D. Linehan	do	103.30
9	D. Cumming	Salary, 8 days, January	40.00
9	St. Louis National Stock Yard	Rent of office, January	29.25
9	Robt. Keith	Repairing chair	2.75
9	H. C. Arnold	Varnish, soap, etc.	7.80
9	Geo. B. Richards	Tacks	27.00
9	J. H. Honan	Express and freight charges, January	3.70
9	G. A. Malcom	Office rent, heat, and water, January	26.00
9	Geo. C. Faville	Office expenses, Norfolk and Newport News, Va., January.	2.33
9	Julius Huelsen	Office and miscellaneous expenses, January	4.60
9	Daniel D. Lee	Postage and towel supply, January	3.00
9	New England Telephone and Telegraph Co.	Rental of telephone, January, Boston, Mass	10.00
9	Wm. Bond & Son	Rent office, January, Boston, Mass	20.00
9	Union Stock Yard and Transit Co.	Rent office, January, Chicago, Ill.	15.00
9	J. H. Leonard	Coal, January, Kansas City, Mo.	13.00
9	Richards & Conover	Tacks, January, Kansas City, Mo.	4.25
9	John Broderick	Office rent, January, New York City	16.00
9	B. Westermann & Co.	Foreign publications	146.00
10	S. Stewart	Salary, January	120.60
10	A. L. Reynolds	Varnish, etc.	2.00
10	L. A. Culbertson	Coal, January, Ottumwa, Iowa	4.10
10	W. H. Rose	Office and miscellaneous expenses, January	11.70
10	James Stikeman	Rent office, January, New York City	45.83
10	Bay State Clean Towel Furnishing Co.	Towel supply, January, Somerville, Mass.	3.72
10	Wm. M. Balmer	Office and miscellaneous expenses, January	4.50
10	A. D. Melvin	Gasoline, etc., Chicago, January	2.45
10	Rand, McNally & Co	Stationery, Chicago, January	3.35
10	Paul Rieser	Repairing lock, etc., Chicago, January	5.40
10	The Office Toilet Supply Co.	Toilet supplies, Chicago, January	8.29
10	Chicago Telephone Co.	Telephone service, Chicago, January	10.42
10	Atlas Tack Corporation	Tacks, Chicago, January	11.50
10	Gahan & Byrne	Office rent, etc., Chicago, January	200.00
10	A. O. Stoeltzing	Tacks, January, Kansas City	30.75
10	G. W. Tourelot	Room rent, January, Kansas City	45.00
10	N. Moershfelder	Sharpening scissors, January	2.70
10	Fowler Manufacturing Co., Limited.	Towel service, January	4.80
10	Nelson P. Hinkley	Rent of rooms and telephone service, January	25.00
10	J. W. Bond & Co	Stationery, Baltimore, Md., January	2.50
10	C. J. Stewart & Sons	1 dozen hog ringers, Baltimore, Md., January	2.50
10	H. A. Hedrick	Office expenses, Baltimore, Md., January	2.85
10	Arthur F. Lawrence & Co.	Coal, Baltimore, Md., January	6.70
10	Alex. Yearley & Son	Office rent, Baltimore, Md., January	10.00
12	F. W. Huntington	Salary and expenses, 25 days, January	126.00
12	Metropolitan Ice Co.	Ice, January	5.25
12	James J. Dufficy	Services in January	70.00
12	Charles E. Parker	Services in January, 6 days	30.00
12	S. J. Nelson	1 ton coal	6.75
12	Chas. O. Brockway	Hog ringers	5.00
13	Thomas Manufacturing Co.	Meat inspection tags	65.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 13	Standard Supply Co	Lead seals	\$140.00
13	Dan McCunningham	Salary, January	103.30
13	Packer's National Bank	Rent of rooms, January, South Omaha, Nebr.	45.00
13	J. E. Blackwell	Candles, etc., January, South Omaha, Nebr.	4.80
13	E. Morrison Paper Co.	Labels .....	.50
14	Pennsylvania Co	Transportation, G. C. Faville, November, 1893.	17.50
14	John Airth et al.	Salaries, January	322.10
14	S. L. Brookings	Hammers, brushes, etc., Kansas City, Kans.	2.20
14	A. C. Fulkerson	Towel supply, January, Kansas City, Kans.	1.08
14	J. F. Ryder	Salary and expenses, January	298.20
14	Standard Supply Co.	Lead seals, January	280.00
14	Thomas Manufacturing Co.	Meat inspection tags, January	325.00
14	W. M. Galt & Co	Meal, etc., January	31.70
14	Edward Allen	3 canceling stamps, January	7.50
17	Charles Elmer	Salary, January	54.00
17	C. A. Melcher	Varnish, glue, etc., January	28.95
17	Koutsky Bros	Tacks, etc., January	26.90
19	The Baltimore and Ohio South-western Rwy. Co.	Freight charges, September, 1893	16.25
20	Evans Laundry Co.	Towel supply, South Omaha, Nebr., January	3.25
21	The Lawyers' Cooperative Publishing Co.	General Digest, vol. 8	6.00
21	Hugh Reilly	Replacing broken glass at station, September, 1893.	5.75
21	Adams Express Co.	Transportation, G. A. Norgood et al., January, 1894.	6.20
23	United States Express Co.	Transportation, January	1.10
24	Geo. W. Knox Express	Freight and drayage, January	5.49
27	Thomas Manufacturing Co.	Meat inspection tags, December, 1893	130.00
28	D. E. Salmon et al.	Salaries for February, 1894	3,888.26
Mar. 1	Bullen & McKeever	6 chickens	2.25
1	W. B. Moses & Sons	Cloth to re-cover desk	6.00
2	The Metropolitan Telephone and Telegraph Co.	Rent and service of telephone, January	22.15
2	F. L. Kilborne	Cabbage	4.00
2	do	do	4.00
2	do	do	2.00
2	John C. Parker	White index cards, etc	18.20
2	Simon Kelly	Salary for February	56.00
2	A. Hoen & Co	Maps showing Southern fever quarantine line	125.00
2	H. J. Ruppert	Rent of land on Bennings road, February	50.00
2	W. H. Lowdermilk & Co.	1 National Dispensatory	6.40
2	Washington Gaslight Co.	Gas, February	22.25
3	Wm. Bond & Son	Rent office, Boston, Mass., February	20.00
3	New England Telephone and Telegraph Co.	Exchange service, Boston, Mass., February	10.00
3	Edward H. Flood et al.	Salaries, February	457.40
3	Edward H. Flood	Office and miscellaneous expenses, February	3.00
3	Frank C. Nesbit	Salary, February	93.40
3	Geo. C. Faville	Salary and expenses, February	114.05
3	Julius Huelson et al.	Salaries and expenses, February	504.00
3	Julius Huelson	Office expenses, February	2.45
3	W. H. Rose et al.	Salaries, February	865.00
3	H. A. Hedrick et al.	do	501.30
3	J. Baumgarten & Sons	Rubber stamp, etc	1.80
3	John C. Parker	Shipping tags	4.50
5	James T. Sthart	Office expenses, February .....	.58
5	do	do .....	.15
5	James T. Sthart et al.	Salaries, February	729.67
5	Dan'l D. Lee	Office and miscellaneous expenses, February	3.00
5	Dan'l D. Lee et al.	Salaries, February	706.40
5	Bay State Clean Towel Furnishing Co.	Towel supply, February, Somerville, Mass.	3.72
5	Wm. M. Balmer	Repairing roller stamp	1.00
5	Wm. M. Balmer et al.	Salaries, February	1,117.49
5	J. H. Honan et al.	do	801.20
5	Frank T. McMahon et al.	do	855.74
5	James T. Brougham et al.	do	402.80
5	John Airth et al.	do	290.80
5	S. E. O'Neill et al.	do	273.80
5	W. D. Robbins et al.	do	212.40
5	Chas. A. Schaufler et al.	do	180.40
5	O. H. Hall et al.	do	140.01
5	R. W. Hickman et al.	do	638.47
5	A. D. Melvin	Salary and expenses, February	200.60

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894. Mar. 6	Baltimore and Ohio Southwestern Rwy. Co.	Freight on paper stamps.....	\$3.70
6	Thomas Manufacturing Co.	Meat inspection tags.....	325.00
6	D. Cumming	Salary, February, 3 days.....	15.00
6	John A. Bell	Services and expenses, February, 1 day.....	9.60
6	Fred. W. Huntington	Services, February, 18 days.....	90.00
6	Gustave Brauchle et al	Salaries, February.....	355.73
6	George W. Koontz	Salary, February.....	25.00
6	Evan H. Pritchard et al	Salaries, February.....	740.60
6	Baltimore and Ohio Rwy. Co.	Freight on paper tags.....	2.20
7	W. S. White et al	Salaries, February.....	232.13
7	J. E. Blackwell et al	do.....	2,729.10
7	Kate H. Baker et al	do.....	129.87
7	S. L. Brooking et al	do.....	1,071.00
7	Frank J. Thornbury et al	do.....	883.00
7	Adolph M. Caspar et al	do.....	186.07
7	Joseph Bruser et al	do.....	396.65
7	W. H. Wray	Salary and expenses, February.....	414.16
7	E. C. Schroeder	Expenses.....	3.05
8	T. T. Keare	2 beef hearts and lungs.....	.50
8	Lewis R. Baker et al.	Salaries, February.....	3,168.90
8	E. Balzer et al.	do.....	2,105.47
9	Norman R. Adams et al	do.....	1,994.00
9	C. J. Sihler et al	do.....	1,491.40
9	Bernhard P. Wende et al	do.....	528.60
9	Fowler Manufacturing Co., Limited.	Towel service, February, Buffalo, N. Y.....	4.80
9	Nelson P. Hinkley	Salary and expenses, February.....	146.00
9	do	Rent of rooms, etc., February, Buffalo, N. Y.....	25.00
9	do	Office and miscellaneous expenses, February, Buffalo, N. Y.....	3.25
9	Albert Dean	Salary and expenses, February.....	150.95
9	Wm. D. Jorden	do.....	120.65
9	Dan. McCunningham	do.....	93.40
9	Philip A. Moore	Salary and expenses, Feb. 15 to 18, inclusive.....	48.67
9	J. O. McKee	do.....	48.24
9	William Frear	Agricultural Science.....	.20
9	W. L. Devoe	Salary and expenses, February.....	278.05
9	John Doris, jr., et al	Salaries, February.....	258.80
9	J. H. Lineham	Salary, February.....	93.40
9	A. C. Fulkerson	Towel service, February, Kansas City, Kans.....	1.85
9	G. W. Tourtellot	Rent of rooms, February, Kansas City, Kans.....	45.00
9	A. O. Stoeltzing	Supplies furnished, February, Kansas City, Kans.....	23.05
9	Alex. Yearley & Son	Rent of office, February, Baltimore, Md.....	10.00
9	Frederick Gross	Coal and wood, February, Baltimore, Md.....	8.50
9	H. A. Hedrick	Office and miscellaneous expenses, February, Baltimore, Md.....	1.25
10	H. C. Keeling	Salary and expenses, February.....	47.13
10	James Wilson	Salary, February.....	46.67
10	A. S. Gregg	do.....	46.67
10	Chas. Traux, Green & Co.	Supplies furnished, February, Chicago, Ill.....	1.40
10	A. D. Melvin	Office and miscellaneous expenses, February, Chicago, Ill.....	2.55
10	Metropolitan Ice Co.	Ice, February, Chicago, Ill.....	4.20
10	The Office Toilet Supply Co.	Toilet supplies, February, Chicago, Ill.....	8.45
10	Chicago Telephone Co.	Telephone service, February, Chicago, Ill.....	10.42
10	Gahan & Byrne	Office rent, etc., February, Chicago, Ill.....	200.00
10	Chas. A. Wilcox	Salary, February.....	46.67
10	St. Louis National Stock Yard.	Rent of office, February, National Stock Yards, Ill.....	29.25
10	Chas. E. Parker	Services, 5 days, February.....	25.00
10	John Broderick	Office rent, New York City.....	16.00
10	A. G. Wallace	2 stamp stencils.....	2.00
10	Edward Allen	1 dating stamp, etc.....	5.55
10	E. A. Clapp	Office rent, February, East St. Louis, Ill.....	5.00
10	John Airth	Paste, benzine, etc.....	6.25
10	Union Stock Yard and Transit Co.	Office rent, February, Chicago, Ill.....	15.00
10	Rand, McNally & Co.	Supplies, February, Chicago, Ill.....	81.50
10	do	do.....	7.10
10	American Railway Supply Co.	Metal cattle tags.....	195.00
12	W. H. Rose	Office and miscellaneous expenses, February.....	12.30
12	James Stikeman	Rent office, February, New York.....	45.83
12	J. E. Blackwell	Office and miscellaneous expenses, February, Omaha, South Omaha.....	7.50
12	Packers' National Bank	Rent rooms, South Omaha.....	45.00
12	C. A. Melcher	Soap, varnish, etc., South Omaha.....	20.90

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 12	Koutsky Bros.	Tacks, South Omaha.	\$22.50
12	John C. Jenkins	Salary and expenses, February	49.17
12	Standard Supply Co.	Lead seals	140.00
12	do	do	700.00
12	Star Union Line	Freight charges, December	16.70
12	Louisville, New Albany and Chicago Rwy. Co.	Freight charges	14.75
12	The Chesapeake and Potomac Telephone Co.	Telephone rent, March	15.00
12	Theotaid Smith	Expenses, February	61.91
12	do	Expenses, December, January and Feb'y	2.52
12	P. L. Lyles	Custom-house charges on ink, March	.75
13	Adolph M. Caspar	Brass stencils	1.80
13	Edward Story	Salary and expenses, February	47.57
13	The Metropolitan Telephone and Telegraph Co.	Telephone rent, January, New York	20.00
13	S. Stewart	Salary, February	108.80
13	Chas. O. Brockway	Hog rings, Chicago	100.00
13	Standard Supply Co.	Lead seals	420.00
13	Thomas Manufacturing Co.	Meat inspection tags	195.00
13	do	Condemned meat tags	2.00
13	Chas. R. Talbert	Oats, bran, and hay	208.26
13	United States Express Co.	Transportation, December	3.33
13	do	Transportation, February	1.25
14	Patrick Henry Griffin	Salary, February	56.00
14	J. H. Honan	Black stencil ink	1.50
14	John Summers	Salary, February	56.00
14	G. A. Malcom	Office rent, etc., February, Hammond, Ind.	26.00
14	Standard Supply Co.	Lead seals	378.00
14	W. H. Wray	Salary and expenses, February	350.00
14	J. F. Ryder	do	287.52
14	Z. D. Gilman	Flask, corks, vials, etc	48.32
14	do	Chemicals	36.01
14	do	Thermometers, etc.	13.60
14	Ernest Betz	Repairing copper incubator	5.00
16	Adams Express Co.	Transportation, February	1.00
16	Leipsuer & Mathews	Wheel stamp, dater, etc.	8.00
16	Lawton & Burnap	Tablets, pens, etc.	6.20
17	Gustave Branche	Letter file, letter book, etc.	2.90
17	Robert A. Taylor	Services, March	6.00
17	Anna M. Watkins	2 cows, tuberculosi	30.00
17	The Baltimore and Ohio Southwestern Rwy. Co.	Freight on paper tags	19.20
17	do	Freight on meat inspection stamps, etc.	14.38
17	do	Freight on paper tags	6.50
19	Standard Supply Co.	Lead seals	140.00
19	do	do	700.00
20	Franz Kral	Agar tubes, etc., March	11.00
20	D. E. Salmon	Expenses to Rochester, N. Y., February	29.77
21	P. S. Lyles	Telegram, Feb. 23, 1894	60
21	Bausch & Lomb Optical Co.	1 micrometer, etc.	47.20
21	The Chicago, Rock Island and Pacific Rwy. Co.	Transportation, September, 1893	8.90
21	Western Union Telegraph Co.	Telegrams, December, 1893	4.01
23	W. H. Lowdermilk & Co.	1 United States Dispensatory, sheep	6.40
24	Western Union Telegraph Co.	Telegrams, January	7.16
26	L. H. Hopkins	Brooms, forks, etc., February	6.25
30	The Missouri, Kansas and Texas Rwy. Co.	Transportation for D. McCunningham, July, 1893	20.70
30	Burlington and Missouri River R. R. in Nebr.	Freight on paper tags, October, 1893	1.66
30	Vandalia Line	Freight on lead seals, January, 1894	4.03
30	The Metropolitan Telephone and Telegraph Co.	Rent of telephone, February, New York	21.95
30	do	Rent of telephone, February, New York City	20.00
30	Standard Supply Co.	Lead seals	140.00
30	A. Hoen & Co.	Interstate meat-inspection stamps, March	900.00
31	S. J. Nelson	Coal, February, New York City	6.75
31	D. E. Salmon et al	Salaries, March, 1894	4,254.63
	Total salaries and expenses, third quarter.		115,315.09
	Total rent of laboratory, third quarter.		300.00
	Total swine plague, third quarter.		1,324.42
	Additional temporary compensation, third quarter.		250.00
	Total third quarter.		117,189.51

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 2	F. L. Kilborne.	Expenses to and from North Carolina in March, 1894.	\$26.50
2	Western Union Telegraph Co.	Telegrams, February, 1894.	5.34
3	Star Union Line.	Freight on lead seals.	16.90
5	Julius Huelsen et al.	Salaries for March, 1894.	558.00
5	R. W. Hickman et al.	do	754.10
5	H. A. Hedrick et al.	do	526.60
5	Joseph Bruser et al.	do	447.80
5	Chas. A. Schaufler et al.	do	199.80
5	A. D. Melvin.	Services and expenses.	217.20
5	David Pifferling.	3 cows for experiments, March, 1894.	50.00
5	H. J. Ruppert.	Rent of land on Bennings road, March, 1894.	50.00
5	Washington Gaslight Co.	Gas for March, 1894.	20.50
6	F. T. McMahon et al.	Salaries for March, 1894.	1,051.60
6	N. R. Adams et al.	do	2,164.00
6	L. R. Baker et al.	do	3,723.54
6	D. D. Lee et al.	do	781.80
6	Jas. T. Stuart et al.	do	657.59
6	Jas. J. Brougham et al.	do	446.10
6	O. H. Hall et al.	do	309.90
6	E. H. Pritchard et al.	do	889.60
6	Henry Brister et al.	do	785.30
6	W. H. Rose.	Salary and expenses, March, 1894.	184.32
6	Z. D. Gilman.	Chemicals, February and March, 1894.	42.19
6	F. W. Huntington.	Services, 21 days, March, 1894.	105.00
6	Z. D. Gilman.	Chemicals, February and March, 1894.	4.35
7	Geo. C. Farille.	Salary and expenses, March, 1894.	124.60
7	Frank C. Nesbit.	Salary, March, 1894.	103.30
7	Edwd. Story.	Salary and expenses, March, 1894.	104.68
7	Chas. A. Wilcox.	Salary, March, 1894.	103.30
7	D. Cumming.	Services, 7 days, March, 1894.	35.00
7	C. J. Sihler et al.	Salaries, March, 1894.	1,663.59
7	W. M. Balmer et al.	do	1,237.43
7	S. L. Brooking et al.	do	1,172.50
7	G. Branchle et al.	do	590.26
7	John Arith et al.	do	384.10
7	S. E. O'Neill et al.	do	338.93
7	W. S. White et al.	do	250.63
7	E. Balzer et al.	do	2,497.18
9	W. S. Devoe.	Salary and expenses, March, 1894.	379.20
9	W. D. Robbins et al.	Salaries, March, 1894.	290.30
9	John Dorris, jr., et al.	do	262.10
9	Wm. C. Honan.	Salary and expenses, March, 1894.	125.58
9	Chas. E. Parker.	do	25.00
9	E. H. Flood et al.	Salaries, March, 1894.	506.30
9	S. Stewart et al.	do	615.64
9	N. P. Hinkley et al.	do	695.20
9	F. J. Thornbury et al.	do	981.97
9	J. E. Blackwell et al.	do	2,946.70
10	Albert Dean.	Salary and expenses, March, 1894.	198.05
10	John C. Jenkins.	Salary, March, 1894.	103.30
10	Wm. D. Jorden.	Salary and expenses, March, 1894.	141.33
10	A. S. Gregg.	do	126.15
10	Geo. C. Moser.	do	117.55
10	T. L. J. Shields.	do	110.95
10	Philip H. Moore.	do	108.91
10	J. O. McKee.	do	106.43
10	H. C. Keeling.	do	104.56
10	A. M. Casper et al.	Salaries, March, 1894.	178.63
10	Fowler Manufacturing Co., Limited.	Towel service, Buffalo, N. Y., March, 1894.	4.80
10	N. P. Hinkley.	Rent of rooms, etc., Buffalo, N. Y., March, 1894.	25.00
10	do.	Office and miscellaneous expenses, March, 1894.	1.04
10	G. A. Malcom.	Office rent, etc., Hammond, Ind., March, 1894.	26.00
10	J. H. Honan et al.	Salaries, March, 1894.	947.90
10	Wm. M. Balmer.	Office and miscellaneous expenses, March, 1894.	1.25
10	Bay State Clean Towel Furnishing Co.	Towel supply, March, 1894.	4.65
10	J. H. Linehan.	Salary, March, 1894.	103.30
10	Simon Kelly.	do	62.00
10	The Bell Telephone Co., of Philadelphia.	For use telephone, Jan. 1 to Mar. 31, 1894.	30.00
10	Edw. H. Flood.	Office and miscellaneous expenses, March, 1894.	1.00
10	St. Louis National Stock Yards.	Office rent, March, 1894.	29.25
10	Jas. J. Brougham.	Brushes, tacks, etc., March, 1894.	1.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 10	Oxley & Wilson Manufacturing Co.	Labeling compound, etc., March, 1894.	\$4.85
10	John Broderick	Office rent, New York City, March, 1894.	16.00
10	Union Stock Yards and Transit Co.	Office rent, Chicago, Ill., March, 1894.	15.00
10	Chas. Cowie	Salary and expenses, March, 1894.	10.40
10	E. A. Clapp	Office rent, National Stock Yards, Illinois, March, 1894.	10.00
10	E. E. Bruce & Co.	Glue, etc., March, 1894.	8.25
10	L. A. Culbertson	Coal, ink, etc., March, 1894.	2.00
10	Gustave Branche	Washing towels, March, 1894.	1.69
10	W. H. Wray	Salary and expenses March, 1894.	387.50
10	J. F. Ryder	do	298.20
10	E. C. Schroeder	Expenses, March, 1894.	11.14
11	Pennsylvania R. R. Co.	Transportation, No. 3941, April, 1894.	3.50
11	Thos. J. Conry	Drayage, April, 1894.	1.68
11	B. Westermann & Co.	Foreign publications.	25.50
11	W. M. Galt & Co.	Meal, bran, and middlings, March, 1894.	39.89
11	Office Toilet Supply Co.	Toilet supplies, Chicago, March, 1894.	8.74
11	Chicago Telephone Co.	Telephone service, Chicago, March, 1894.	10.42
11	Rand, McNally & Co.	Ink, pads, and sponges, March, 1894.	10.80
11	C. H. Hanson	Rubber type, etc., March, 1894.	36.35
11	Gahan & Byrne	Office rent, etc., Chicago, March, 1894.	200.00
11	H. A. Hedrick	Office and miscellaneous expenses, March, 1894.	2.15
11	Chesapeake and Potomac Telephone Co.	Rent of telephone, Baltimore, Md., March, 1894.	25.00
11	Alex Yearley & Son	Office rent, Baltimore, Md., March, 1894.	10.00
12	New England Telegraph and Telephone Co.	Telephone rent, Boston, Mass., March, 1894.	10.00
12	Wm. Bond & Son	Office rent, Boston, Mass., March, 1894.	20.00
13	W. B. King	Wooden sign, March, 1894.	6.00
13	F. P. Burnap	Pencils and ink, March, 1894.	1.55
13	H. C. Leipsner	Repairs on wheel stamp, etc., March, 1894.	2.25
13	James Sullivan	Coal, Kansas City, March, 1894.	3.50
13	W. A. Griswold	Soap, Kansas City, March, 1894.	4.50
13	Evans Gallagher Drug Co.	Varnish, Kansas City, March, 1894.	41.60
13	A. O. Stoeltzing	Tacks and gasoline, Kansas City, March, 1894.	41.80
13	G. W. Tourtellot	Room rent, Kansas City, March, 1894.	45.00
13	Paul Rieser	Lantern and knives, Chicago, March, 1894.	3.40
13	W. H. Rose	Office and miscellaneous expenses, New York City, March, 1894.	17.85
13	H. P. Kirkham & Son	Lumber, etc., April, 1894.	19.25
13	James Stikeman	Office rent, New York City, March, 1894.	45.83
13	F. L. Kilborne	Expenses, April, 1894.	52.69
14	The Baltimore and Ohio Southwestern Rwy. Co.	Freight on paper tags, January, 1894.	35.95
14	American Rwy. Supply Co.	Metal cattle tags, March, 1894.	32.50
14	do	Metal cattle tags, April, 1894.	6.50
14	Thomas Manufacturing Co.	Meat hooks, March, 1894.	7.50
16	A. Hoen & Co.	Meat-inspection stamps, April, 1894.	750.00
16	A. C. Fulkerston	Towel supply, Kansas City, March, 1894.	3.77
16	J. E. Blackwell	Office and miscellaneous expenses, March, 1894.	11.90
16	Norfolk, Newbern and Washington Direct Line.	Freight on cattle, April, 1894.	65.00
16	A. E. Foote	Railillet's Elements Zoology Medicale, April, 1894.	3.75
17	C. S. Kenfield	Cleaning and repairing clock, April, 1894.	1.50
18	W. D. Robbins	Turpentine, rubber stamp, etc., March, 1894.	8.60
18	John Flynn	Paving chute, etc., April, 1894.	8.65
18	A. D. Melvin	Chemicals and expressage, March, 1894.	9.65
18	C. A. Melcher	Varnish, turpentine, etc., March, 1895.	34.55
18	Packers National Bank, South Omaha, Nebr.	Rent of rooms, South Omaha, Nebr., March, 1894.	45.00
18	James Wilson	Salary and expenses, March, 1894.	118.05
18	Dan McCunningham	do	150.71
18	Z. D. Gilman	Spring forceps, etc., March, 1894.	240.25
18	John C. Parker	Hammond typewriter, etc., April, 1894.	120.00
19	F. P. Hallar	Canceling stamps, etc., March, 1894.	5.00
19	A. F. Nash	Varnish, etc., March, 1894.	12.52
19	Beach & Weld	Hammers, tacks, etc., March, 1894.	2.75
19	John Airth	Lock and keys, etc., March, 1894.	2.00
21	A. B. Schacher	Stationery, Hammond, Ind., March, 1894.	3.00
21	Wyckoff, Seamans & Benedict	Letter paper, March, 1894.	42.00
23	Z. D. Gilman	Sweet spirits of nitre, etc., March, 1894.	1.68
23	Adams Express Co.	Express charges, March, 1894.	17.35
23	United States Express Co.	do	5.75

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 23	W. H. Bradford	Expenses, April, 1894	\$12.25
24	Minnis & Martyn	Stove-pipe joints, September, 1893	3.00
24	S. L. Brooking	Express charges on tags, etc., March, 1894	1.00
24	Jas. T. Stuart	Varnish brushes, etc., March, 1894	3.00
24	A. Hoen & Co	Interstate meat-inspection stamps, April, 1894	750.00
25	Theobald Smith	Freight charges, March, 1894	.25
25	C. H. Hanson	One stamp, etc., April, 1894	2.09
25	Thomas Manufacturing Co.	Meat-inspection tags, April, 1894	65.00
25	do	Meat hooks, April, 1894	7.50
25	Standard Supply Co.	Lead seals, March, 1894	140.00
25	do	do	700.00
25	do	Lead seals, April, 1894	700.00
30	American Railway Supply Co.	Metal cattle tags, April, 1894	16.25
30	D. E. Salmon et al.	Salaries, April, 1894	4,082.66
May 1	H. J. Ruppert	Rent of land on Bennings road, April, 1894	50.00
2	Theobald Smith	Traveling expenses, April, 1894	15.70
2	The Metropolitan Telephone and Telegraph Co.	Rent of telephone, March, 1894	20.00
2	Dan'l D. Lee	Towel supply, March and April	2.00
2	American Railway Supply Co.	Metal cattle tags, April, 1894	65.00
2	do	do	32.50
2	Vandalia Line	Freight charges, February, 1894	2.29
3	E. H. Flood	Towel supply, etc., April, 1894	2.40
3	E. H. Flood et al	Salaries, April, 1894	484.40
3	W. H. Rose	Use towels and telephone, April, 1894	8.00
3	W. H. Rose et al	Salaries, April, 1894	916.20
3	The Metropolitan Telegraph and Telephone Co.	Rent of telephone, March, 1894	21.00
3	James Stikeman	Rent of office, New York, April, 1894	45.83
3	Julius Huelsen	Office expenses, March, 1894	2.45
3	Julius Huelsen et al	Salaries for April, 1894	533.90
3	C. A. Schauffer et al	do	191.20
3	H. A. Hedrick et al	do	530.80
3	American Railway Supply Co.	Metal cattle tags, April 25, 1894	65.00
3	do	Metal cattle tags, April 27, 1894	65.00
4	D. D. Lee et al	Salaries for April, 1894	748.10
4	J. J. Brougham et al	do	426.80
4	J. H. Honan et al	do	891.20
4	John Doris, jr., et al	do	221.60
4	Chas. A. Wilcox	Salary for April, 1894	98.90
4	Simon Kelly	do	59.30
4	Geo. C. Faville	Salary and expenses for April, 1894	126.90
4	Metropolitan Ice Co	Ice, Chicago, March, 1894	5.10
4	Washington Gaslight Co.	Gas, April, 1894	22.25
4	O. H. Hall et al.	Salaries for April, 1894	395.60
4	Wm. M. Balmer et al.	do	1,168.84
4	G. A. Malcom	Office rent, April, 1894	26.00
4	John Broderick	Office rent, New York, April, 1894	16.00
4	Edw'd Story	Salary for April, 1894	98.90
4	Joseph Bruser et al	Salaries, April, 1894	313.20
4	W. E. Hill	Salary and expenses, April, 1894	118.40
4	James Wilson	Salary, April, 1894	98.90
5	Z. D. Gilman	Thermometers, etc., March and April, 1894	18.20
5	E. C. Schroeder	Expenses, April, 1894	14.05
5	E. H. Pritchard et al	Salaries for April, 1894	919.42
5	R. W. Hickman et al	do	725.20
5	G. Brauchle et al.	do	561.22
5	John Airth et al.	do	367.50
5	W. D. Robbins et al.	do	283.31
5	A. D. Melvin	Salary and expenses, April, 1894	209.80
5	Wm. C. Honan	do	120.54
5	F. W. Huntington	do	105.50
8	N. R. Adams et al	Salaries for April, 1894	1,922.20
8	L. R. Baker et al	do	3,646.60
8	Jas. T. Stuart et al.	do	539.85
8	F. T. McMahon et al.	do	1,015.30
8	S. Stewart et al	do	244.08
9	Albert Dean	Salary and expenses, April, 1894	159.00
9	J. O. McKee	do	101.67
9	T. L. J. Shields	Salary, April, 1894	98.90
9	H. C. Keeling	Salary and expenses, April, 1894	99.65
9	D. Cummings	Salary, 2 days, April, 1894	10.00
9	Edw. Shelden	Salary and expenses, April, 1894	94.88
9	W. S. Devoe	do	320.22
9	D. D. Lee	Office expenses, April, 1894	3.60
9	New England Telephone and Telegraph Co.	Rent, etc., of telephone, April, 1894	10.00
9	Wm. Bond & Son	Office rent, Boston, April, 1894	20.00
9	John A. McDonald	Paste brushes, etc., April, 1894	5.70

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 9	H. C. Arnold	Turpentine, etc., March and April, 1894	\$24.75
9	Charles Cowie	Service, 1 day, April, 1894	5.00
9	Union Stock Yards and Transit Co.	Office rent, Chicago, April, 1894	15.00
9	C. O. Brockway	Hog rings, April, 1894	50.00
9	N. P. Hinkley et al	Salaries for April, 1894	665.92
9	F. J. Thornbury et al	do	1,088.32
9	W. S. White et al	do	211.00
9	J. E. Blackwell et al	do	2,817.43
10	Wm. D. Jorden	Salary and expenses, April, 1894	177.49
10	Geo. C. Moser	do	136.42
10	Philip H. Moore	do	107.60
10	James T. Stuart	Varnish and turpentine, April, 1894	1.08
10	John Arith	Office and miscellaneous expenses, April, 1894	1.85
10	John Doris, jr	do	2.25
10	Gustave Branchle	Washing towels, etc., April, 1894	2.95
10	John Q. Adams	Cancelling stamps, etc., April 25, 1894	2.50
10	do	Cancelling stamps, etc., April 30, 1894	2.50
10	Bay State Clean Towel Furnishing Co.	Towel supply, April, 1894	3.72
10	Wm. M. Balmer	Express charges, April, 1894	.80
10	J. H. Linehan	Salary and expenses, April, 1894	98.90
10	St. Louis National Stock Yards	Office rent, April, 1894	29.25
10	James J. Brougham	Expressage, April, 1894	.40
10	E. A. Clapp	Office rent, East St. Louis, April, 1894	10.00
10	S. J. Nelson	Coal, April, 1894	6.75
10	Julius Huelsen	Freight charges, April, 1894	4.10
10	Chicago and Erie R. R. Co.	Freight on lead seals, March, 1894	8.12
10	American Railway Supply Co.	Cattle tags, April, 1894	32.50
10	do	do	6.50
10	F. L. Kilborne	Expenses to North Carolina, April and May, 1894	39.15
10	do	Cabbage, April, 1894	2.75
10	do	Cabbage, March, 1894	7.00
10	E. A. de Schweinitz	Meat for culture media, April, 1894	3.00
10	United States Express Co.	Transportation, April, 1894	3.90
11	E. Balzer et al	Salaries, April, 1894	2,460.78
12	W. C. Rayen	Salary, April, 1894	100.00
12	G. W. Tourtellot	Rent rooms, Kansas City, Kans., April, 1894	45.00
12	Virgil A. Mathews	Ink, etc., April, 1894	4.50
12	Fowler Manufacturing Co., Limited.	Towel service, April, 1894	4.80
12	Nelson P. Hinkley	Rent rooms, etc., Buffalo, N. Y., April, 1894	25.00
12	do	Varnish, glue, etc., April, 1894	4.15
12	do	Express charges, April, 1894	1.70
12	C. J. Sihler	do	1.80
12	A. C. Fulkerson	Towel supply, April, 1894	1.77
12	F. P. Burnap	Pens, etc., Kansas City, Kans., April, 1894	1.70
12	A. F. Lawrence & Co.	Quarter cord oak wood, April, 1894	2.50
12	H. A. Hedrick	Stationery, Baltimore, Md., April, 1894	6.21
12	Alex. Yearley & Son	Rent office, Baltimore, Md., April, 1894	10.00
12	J. P. Cooke & Co.	Cancelling stamp, etc., April, 1894	3.35
12	C. A. Melcher	Varnish, etc., April, 1894	6.50
12	J. E. Blackwell	Towel supply, April, 1894	6.55
12	E. E. Bruce & Co.	Glue, varnish, etc., April, 1894	20.84
12	Packers' National Bank	Rent rooms, Omaha, Nebr., April, 1894	45.00
12	Paul Rieser	Lock boxes repaired, etc., April, 1894	4.15
12	A. D. Melvin	One stamp, etc., April, 1894	6.00
12	Thayer & Jackson Stationery Co.	Ruling blanks, April, 1894	7.50
12	Rand, McNally & Co.	Stationery, April, 1894	8.55
12	The Office Toilet Supply Co.	Toilet supplies, April, 1894	9.60
12	Chicago Telephone Co.	Telephone service, April, 1894	10.42
12	Gahan & Byrne	Office rent, etc., Chicago, Ill., April, 1894	200.00
12	Sabiston, Murray & Co.	The American Veterinary Review, 8 numbers, April, 1877, to March, 1883	4.00
12	W. H. Wray	Salary and expenses, April, 1894	375.00
12	J. F. Ryder	do	287.80
14	Chas. E. Parker	Salary, 2 days, April, 1894	10.00
14	Geo. C. Faville	Telegrams, etc., April, 1894	2.04
14	Nellie E. O'Dowd	Services, 1 day, April, 1894	1.65
14	Metropolitan Ice Co.	Ice, April, 1894	3.70
14	S. L. Brookings et al	Salaries, April, 1894	1,036.52
14	C. J. Sihler et al	do	1,721.62
14	American Railway Supply Co.	Metal cattle tags, April, 1894	65.00
14	do	do	3.25
14	Star Union Line	Freight charges, February, 1894	16.95
15	S. E. O'Neill et al	Salaries, April, 1894	306.74
15	A. S. Gregg	Salary and traveling expenses, April, 1894	161.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 15	John C. Jenkins	Salary and traveling expenses, April, 1894	\$127.95
15	Adams Express Co.	Transportation, April, 1894	13.60
16	Thos. J. Conry	Drayage, May 1, 1894	1.02
16	A. Hoen & Co.	Meat-inspection tags, May, 1894	750.00
21	Dan. McCunningham	Salary and expenses, April, 1894	114.09
21	A. M. Casper et al.	Salaries, April, 1894	220.86
21	R. P. Williams	Pasturage, April, 1894	16.25
21	The Chicago and Alton R. R. Co.	Transportation, No. 3330, April, 1894	12.50
23	Thomas Manufacturing Co.	Meat-inspection tags, May, 1894	32.50
23	do	Meat hooks, April, 1894	13.50
23	Standard Supply Co.	Lead seals, May, 1894	700.00
23	Albert Hassall	Expenses to Rockville, Md., May 19, 1894	9.75
24	Thomas Manufacturing Co.	Meat-inspection tags, April, 1894	65.00
24	A. Hoen & Co.	Interstate meat-inspection stamps, May, 1894	180.00
28	Thomas Manufacturing Co.	Meat-inspection tags, April, 1894	325.00
28	do	Meat-inspection tags, May, 1894	325.00
28	do	Meat-inspection tags, February, 1894	292.50
28	do	do	157.95
28	Standard Supply Co.	Lead seals, May, 1894	420.00
28	Thomas Manufacturing Co.	Meat-inspection tags, May, 1894	195.00
28	Standard Supply Co.	Lead seals, May, 1894	70.00
29	Washington and Georgetown R. R. Co.	Car tickets, May, 1894	10.00
29	S. J. Meeks	Repairs to buggy, May, 1894	28.00
29	Chas. R. Talbert	Oats, bran, etc., April, 1894	55.00
31	D. E. Salmon et al.	Salaries, May, 1894	4,239.81
June 1	H. C. Underwood	Boxes, May, 1894	16.69
2	The Metropolitan Telephone and Telegraph Co.	Rent of telephone, New York, April, 1894	20.00
2	do	do	22.05
2	Chas. F. Nesbit	Salary, April, 1894	69.23
2	Western Union Telegraph Co.	Telegrams, April, 1894	8.45
2	H. J. Ruppert	Rent of land on Bennings road, May, 1894	50.00
2	F. L. Kilborne	Expenses, May, 1894	32.40
2	W. H. Rose et al.	Salaries, May, 1894	1,001.58
2	C. A. Schaufier et al.	do	197.60
2	E. H. Flood et al.	do	501.20
2	E. H. Flood	Expenses, May, 1894	4.59
2	J. Huelsen et al.	Salaries, May, 1894	552.19
2	Julius Huelsen	Office expenses, May, 1894	2.45
4	Edw. Story	Salary, May, 1894	102.20
4	A. Hoen & Co.	Interstate inspection stamps, May, 1894	150.00
4	R. W. Hickman et al.	Salaries, May, 1894	749.60
4	H. A. Hedrick et al.	do	566.62
4	J. H. Honan et al.	do	884.60
4	O. H. Hall et al.	do	408.80
4	Chas. A. Wilcox	Salary, May, 1894	102.20
4	A. D. Melvin	Salary and expenses, May, 1894	260.40
4	D. D. Lee et al.	Salaries, May, 1894	773.80
4	D. D. Lee	Office expenses, May, 1894	3.00
4	John Doris, jr., et al.	Salaries, May, 1894	251.80
4	James J. Brougham et al.	do	441.40
4	Washington Gaslight Co.	Gas for laboratory, May, 1894	18.50
6	E. Balzer et al.	Salaries, May, 1894	2,714.91
6	W. M. Balmér et al.	do	1,504.07
6	James T. Stuart et al.	do	767.35
6	Gustave Branche et al.	do	647.65
6	Jos. Bruser et al.	do	442.80
6	A. M. Casper et al.	do	196.56
6	W. S. White et al.	do	188.44
7	L. R. Baker et al.	do	3,759.65
7	J. E. Blackwell et al.	do	2,974.41
8	Dani'l G. Hatch	Expenses to and from Boston, Mass., May, 1894	66.83
8	C. J. Sihler et al.	Salaries, May, 1894	2,256.36
8	N. R. Adams et al.	do	2,056.86
8	F. T. McMahon et al.	do	1,042.40
8	E. H. Pritchard et al.	do	1,008.28
8	S. Stewart et al.	do	872.56
8	N. P. Hinkley et al.	do	737.72
8	S. E. O'Neill et al.	do	275.70
8	John Arith et al.	do	380.00
8	W. D. Robbins et al.	do	287.72
8	Minnis & Martyn	Repairing water tank, May, 1894	15.60
8	Chas. R. Talbert	White oats, bran, etc., May, 1894	47.60
8	American Railway Supply Co.	Metal cattle tags, May, 1894	97.50
8	Z. D. Gilman	Compressor glasses, April, 1894	85.00
9	James Wilson	Salary, May, 1894	102.20
9	Albert Dean	Salary and expenses, May, 1894	169.82
9	H. C. Keeling	do	102.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
June 9	George C. Moser	Salary and expenses, May, 1894	\$139.70
9	T. L. J. Shields	do	104.55
9	J. O. McKee	do	105.77
9	Philip H. Moore	do	108.79
9	Simon Kelly	Salary, May, 1894	61.40
9	Sol. Miller	do	85.20
9	Geo. C. Faville	Salary and expenses, May, 1894	124.70
9	Wm. C. Honan	Services, 2 days, April, 1894	4.00
9	Wm. J. Kelly	Services, 1 day, April, 1894	2.00
9	Michael Franz	do	2.00
9	Peter Fitzpatrick	Office and miscellaneous expenses, May, 1894	4.81
9	Jas. T. Stuart	Hay, May, 1894	9.50
9	J. A. Meadows	Interstate inspection tags, May, 1894	150.00
9	A. Hoen & Co.	Salaries, May, 1894	1,222.19
9	F. J. Thornbury et al	Salary and expenses, 1 day, May, 1894	9.60
9	John A. Bell	Salary and expenses, May, 1894	337.25
9	W. S. Devoe	Making troughs, May, 1894	.70
9	Ernest Betz	Chemicals, April, 1894	56.88
9	Z. D. Gilman	Chemicals, May, 1894	65.36
9	do	Salary and expenses, May, 1894	187.37
9	Wm. D. Jorden	do	122.20
9	A. S. Gregg	Salary, 5 days, May, 1894	25.00
11	Chas. E. Parker	Salary, 2 days, May, 1894	10.00
11	D. Cumming	Advertising, May, 1894	12.00
11	The Chicago Herald Co.	Foreign publication, April, 1894	1.31
12	R. Friedlander & Sohn	Lead seals, May, 1894	420.00
12	Standard Supply Co.	Office rent, Chicago, May, 1894	15.00
12	Union Stock Yards and Transit Co.	Expressage, May, 1894	10.15
12	F. T. McMahon	Office rent, New York, May, 1894	16.00
12	John Broderick	Salary, 2 days; office rent, May, 1894	34.00
12	F. W. Huntington	Salary and expenses, May, 1894	407.65
12	Edw. Shelden	Office rent, New York, May, 1894	45.83
12	James Stikeman	Office and miscellaneous expenses, May, 1894	13.35
12	W. H. Rose	Office rent, Chicago, May, 1894	200.00
12	Gahan & Byrne	Toilet supplies, May, 1894	12.38
12	The Office Toilet Supply Co.	Stationery, etc., May, 1894	13.20
12	Rand, McNally & Co.	Telephone service, May, 1894	10.42
12	Chicago Telephone Co.	Ice, Chicago, May, 1894	8.18
12	Metropolitan Ice Co.	Saw, etc., Chicago, May, 1894	2.35
12	Paul Rieser	Rent of rooms, South Omaha, May, 1894	45.00
12	Packers' National Bank	Expressage, April, 1894	3.45
12	A. D. Melvin	Office and miscellaneous expenses, South Omaha, May, 1894	5.90
12	J. E. Blackwell	Office rent, and miscellaneous expenses, South Omaha, May, 1894	20.00
12	C. A. Melcher	Turpentine, etc., South Omaha, May, 1894	4.70
12	Alex. Yearley & Son	Office rent, Baltimore, May, 1894	10.00
12	H. A. Hedrick	Office and miscellaneous expenses, May, 1894	2.25
12	Wm. M. Balmer	do	10.15
12	Bay State Clean Towel Furnishing Co.	Towel supply, May, 1894	5.45
12	United States Express Co.	Transportation, May, 1894	4.60
13	The Peter Paul Book Co.	Stationery, May, 1894	3.60
13	Jeffrey & Gotshall	Repairing microscope, May, 1894	4.75
13	Fowler Manufacturing Co., Limited.	Towel service, Buffalo, N. Y., May, 1894	5.50
13	W. H. Keeler	One dating wheel, etc., Buffalo, N. Y., May, 1894	5.75
13	The Larkin Soap Manufacturing Co.	Box laundry soap, Buffalo, N. Y., May, 1894	6.00
13	N. P. Hinkley	Rent rooms, Buffalo, N. Y., May, 1894	25.00
13	do	Office and miscellaneous expenses, Buffalo, N. Y., May, 1894	6.48
13	St. Louis National Stock Yards	Office rent, Buffalo, N. Y., May, 1894	29.25
13	Nellie F. Marks	Services, May 16-31, 1894	26.37
13	New England Telephone and Telegraph Co.	Exchange service and telephone rent, May 1894	10.00
13	Wm. Bond & Son	Office rent, May, 1894	20.00
13	L. A. Culbertson	Coal, May, 1894	2.00
13	S. L. Brookings et al	Salaries, May, 1894	1,040.38
13	W. D. Robbins	1 gallon varnish, May, 1894	2.00
13	John C. Jenkins	Salary and expenses, May, 1894	136.84
13	J. H. Lincham	Salary, May, 1894	102.20
13	R. P. Williams	Pasturage, May, 1894	19.50
13	E. A. Clapp	Office rent, May, 1894	10.00
14	A. O. Stoeltzing	Supplies, gasoline, etc., May, 1894	5.20
14	The Riverside Iron Works Co.	Iron brands, May, 1894	6.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
June 14	Ira Lewis	Blue paint, May, 1894	\$10.00
14	G. W. Tourtellot	Rent rooms, Kansas City, Kans., May, 1894	45.00
14	Roland & O'Dwyer	Damas varnish, May, 1894	3.00
14	James & Furey	Washing towels, May, 1894	3.24
14	The Kotzenberg Co	Red paint, May, 1894	4.50
14	John Airth	Varnish, May, 1894	1.75
14	W. C. Rayen	Salary and expenses, May, 1894	161.24
14	Harvey L. Goodall	Advertising, May, 1894	3.60
14	E. E. Bruce & Co	Varnish, May, 1894	21.28
14	G. A. Malcom	Office rent, etc., Hammond, Ind., May, 1894	26.00
14	J. F. Ryder	Salary and expenses, May, 1894	296.40
14	Chicago and Erie R. R. Co	Freight charges, February, 1894	2.09
14	Adams Express Co	Transportation, May, 1894	20.40
14	C. O. Brockway	Hog rings, etc., May, 1894	55.00
14	do	do	2.50
14	A. D. Melvin	Expressage, etc., May, 1894	2.85
14	Baltimore and Ohio R. R. Co	Freight on paper tags, October, 1893, and January, 1894	29.50
14	do	Freight, December, 1893	15.90
16	B. Westermann & Co	Foreign publications, June, 1894	13.51
16	Geo. W. Knox Express	Freight and drayage, May, 1894	2.23
19	A. Hoen & Co	Meat-inspection tags, May 18, 1894	225.00
19	do	Meat-inspection tags, May 23, 1894	225.00
19	do	Meat-inspection tags, June, 1894	225.00
19	A. C. Fulkerston	Towel supply, May, 1894	3.77
19	Western Union Telegraph Co	Telegrams, May, 1894	16.04
19	Charles Elmer	Services 1 day, May, 1894	2.00
19	Koutsky Bros	Tacks, etc., May, 1894	17.60
19	Chicago, Burlington and Quincy R. R. Co	Transportation, June, 1894	12.75
20	Dan McCunningham	Salary and expenses, May, 1894	180.62
20	Thomas Manufacturing Co	Meat-inspection tags, April, 1894	325.00
20	do	do	195.00
20	do	Meat-inspection tags, May, 1894	195.00
20	Standard Supply Co	Lead seals, May, 1894	420.00
21	Chesapeake and Potomac Telephone Co	Rental, March, 1894	52.19
21	The Oxley & Wilson Manufacturing Co	Willard's Label Compound, June, 1894	5.90
22	A. Hoen & Co	Meat-inspection stamps, June, 1894	150.00
22	Theobald Smith	Expenses, June, 1894	30.58
23	John C. Parker	Index cards, April, 1894	15.05
25	Bausch & Lomb Optical Co	Glass slips, etc., May, 1894	20.73
25	Thomas Manufacturing Co	Meat inspection tags, June, 1894	195.00
25	A. Hoen & Co	Interstate meat-inspection stamps, June, 12, 1894	225.00
25	do	Interstate meat-inspection stamps, June 15, 1894	225.00
25	Standard Supply Co	Lead seals, June, 1894	700.00
25	Z. D. Gilman	Filters, etc., May, 1894	19.20
25	W. & A. K. Johnston	Journal of Pathology, May, 1894	1.93
28	Golden, Love & Co	Chickens, May, 1894	4.20
30	D. E. Salmon et al	Salaries, June, 1894	3,978.75
	Total salaries and expenses, fourth quarter .....	.....	126,336.23
	Total swine plague, fourth quarter .....	.....	1,330.42
	Total rent of laboratory, fourth quarter .....	.....	300.00
	Total fourth quarter .....	.....	127,966.65
	Supplemental.		
1894.			
July 2	Chicago, Burlington and Quincy R. R. Co	Transportation for Ed. Shelden, June, 1894	13.00
2	Walbridge & Co	Hog ringers, etc., May, 1894	10.47
2	Standard Supply Co	Lead seals, June, 1894	7.00
2	do	Lead seals, June, 1894	14.00
2	American Railway Supply Co	Metal cattle tags, May, 1894	162.50
2	Thomas Manufacturing Co	Meat-inspection tags, June, 1894	6.50
2	do	do	3.25
2	A. Hoen & Co	Interstate meat-inspection stamps, June, 1894	75.00
2	W. H. Wray	Salary, May, 1894	387.50
2	H. J. Ruppert	Rent of land on Bennings road, June, 1894	50.00
3	L. D. Larkins	1 cow with tuberculosis, June, 1894	8.00
3	C. Becker	1 caulking boot, June, 1894	3.00
6	W. H. Rose et al	Salaries, June, 1894	997.34

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY.—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1894.			
July 6	D. D. Lee et al.	Salaries, June, 1894.	\$748.10
6	R. W. Hickman et al.	do	725.20
6	H. A. Hedrick et al.	do	590.10
6	O. H. Hall et al.	do	395.60
6	Jos. Bruser et al.	do	313.20
6	John Doris, jr., et al.	do	261.60
6	Chas. A. Schaufler et al.	do	191.20
6	Edw. Story	Salary, June, 1894	98.90
6	Simon Kelly	do	59.30
6	Jas. J. Brougham et al.	Salaries, June, 1894	426.80
6	E. H. Flood et al.	do	484.40
6	Washington Gaslight Co.	Gas, June, 1894	16.50
6	Z. D. Gilman	Bottles etc., May, 1894	32.26
6	do	Alcohol, etc., May, 1894	10.59
6	do	Vials, etc., June, 1894	13.89
6	do	Welsback burners, etc., May, 1894	5.90
7	J. Huelsen et al.	Salaries, June, 1894	399.54
7	A. M. Casper et al.	do	382.38
7	Wm. C. Homan	Salary and expenses, June, 1894	121.87
7	Chas. A. Wilcox	Salary	98.90
7	Sol Miller	Salary and expenses, June, 1894	84.30
7	Chas. F. Dawson	Traveling expenses, June, 1894	9.70
9	F. J. Thornburg et al.	Salaries, June, 1894	1,168.80
9	N. P. Hinkley et al.	do	725.04
9	S. Stewart et al.	do	718.64
9	G. Branchle et al.	do	627.50
9	S. L. Brooking et al.	do	992.66
9	J. H. Honan et al.	do	855.20
11	H. D. Mayne	Service 1 day, June, 1894	5.00
11	J. H. Linehan	Salary, June, 1894	98.90
11	W. M. Balmer et al.	Salaries, June, 1894	1,589.90
11	Chesapeake and Potomac Telephone Co.	Rent of telephone, Baltimore, Apr. 1 to June 30, 1894.	25.00
11	H. A. Hedrick	Office expenses, June, 1894	3.25
11	Alex. Yearley & Son	Office rent, June, 1894	10.00
11	A. D. Melvin	Salary and expenses, June, 1894	254.80
11	L. R. Baker et al.	Salaries, June, 1894	3,645.25
11	N. R. Adams et al.	do	1,982.30
11	E. Balzer et al.	do	2,561.38
11	Wm. F. Thurber	Repairing and sharpening scissors, June, 1894	4.25
11	The Kotzenberg Co.	Green paint, turpentine, etc., June, 1894	6.30
11	Rand, McNally & Co.	Stationery, June, 1894	8.65
11	Chicago Telephone Co.	Telephone service, June, 1894	10.42
11	The Office Toilet Supply Co.	Use of toilet supplies, June, 1894	10.36
11	Theobald Smith	Potatoes, eggs, etc., Michigan, April, May, and June, 1894.	1.78
12	St. Louis National Stock Yards.	Office rent, National Stock Yards, Illinois, June, 1894.	29.25
12	Drake Bros.	Damar varnish, etc., June, 1894	6.75
12	John Q. Adams	1 stamp, June, 1894	1.75
12	James & Furey	Washing towels, June, 1894	2.16
12	E. H. Flood	Towel supply and ice, June, 1894	2.82
12	D. D. Lee	Express charges, etc., June, 1894	2.70
12	Wm. Bond & Son	Office rent, Boston, Mass., June, 1894	20.00
12	New England Telephone and Telegraph Co.	Office telephone, etc., Boston, Mass., June, 1894.	10.00
12	G. A. Malcolm	Office rent, including light, heat, and water, June, 1894.	26.00
12	Union Stock Yard and Transit Co.	Office rent, Chicago, Ill., June, 1894	15.00
12	E. A. Clapp	Office rent, East St. Louis, Mo., June, 1894	10.00
12	G. W. Ward	Salary and expenses, June, 1894	11.50
12	Bay State Clean Towel Furnishing Co.	Towel supply, June, 1894	7.68
12	John Bingham	Stationery, June, 1894	4.80
12	R. W. Hickman	Express charges and gas, June, 1894	1.25
12	John Broderick	Office rent, New York City, June, 1894	16.00
12	The Metropolitan Telephone and Telegraph Co.	Telephone rent, New York City, May, 1894.	20.00
12	Fowler Manufacturing Co., Limited.	Towel service, New York City, June, 1894	5.50
12	W. H. Keeler	1 canceling wheel, June, 1894	8.50
12	N. P. Hinkley	Office rent, etc., Buffalo, N. Y., June, 1894	25.00
12	Jas. T. Stuart et al.	Salaries, June, 1894	792.58
12	W. S. White et al.	do	267.04
12	W. D. Robbins et al.	do	269.96
12	W. D. Robbins	Varnish, etc., June, 1894	4.10
12	John Arith et al.	Salaries, June, 1894	367.50
12	S. E. O'Neill et al.	do	351.27

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY.—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
July 12	James Stikeman	Office rent, New York City, June, 1894	\$45.83
12	The Metropolitan Telephone and Telegraph Co.	Telephone rent, New York City, May, 1894	21.70
12	Edw. Shelden	Salary and expenses, June, 1894	303.55
12	E. H. Pritchard et al.	Salaries, June, 1894	1,013.89
12	C. J. Sihler et al.	Salaries, June, 1894	187.69
12	D. Cumming	Services, 3 days, June, 1894	15.00
12	Chas. E. Parker	Services, 2 days, June, 1894	10.00
12	Albert Dean	Salary and expenses, June, 1894	155.97
12	Philip H. Moore	do	117.30
12	Wm. D. Jordan	do	156.15
12	W. E. Hill	do	128.68
12	J. O. McKee	do	104.35
12	George C. Moser	do	128.30
12	James Wilson	Services, June, 1894	98.90
12	T. L. J. Shields	do	98.90
12	J. F. Ryder	Salary and expenses, June, 1894	287.80
12	W. H. Wray	do	375.00
12	Wilmarth & Edmonston	1 dozen filter tubes, May, 1894	12.00
12	L. H. Hopkins	Wire, tin, etc., April and May, 1894	2.15
13	B. Westermann & Co.	Foreign publications, June, 1894	14.55
13	Chicago, Burlington and Quincy R. R. Co.	Freight charges, February, 1894	3.36
13	Atlantic and North Carolina R. R. Co.	Transportation, C. F. Dawson, requisition No. 4040, June, 1894	11.20
13	Chicago and Erie R. R. Co.	Transportation lead seals, May, 1894	9.55
13	The Bell Telephone Co. of Philadelphia.	Use of telephone, April, May, and June, 1894	3.00
13	A. Hoen & Co.	Meat-inspection stamps, June 21, 1894	150.00
13	do	Meat-inspection stamps, June 19, 1894	150.00
13	Wm. M. Balmer	Office and miscellaneous expenses June, 1894	5.40
13	Jas. T. Stuart	4 towels, June, 1894 .....	.50
13	Evans Gallagher Drug Co.	Damar varnish, etc., June, 1894	45.40
13	G. W. Tourtellot	Rent of rooms, Kansas City, Kans., June, 1894	45.00
13	A. C. Fulkerson	Towel supply, Kansas City, Kans., June, 1894	4.56
13	C. J. Sihler	Express charges, June, 1894 .....	.60
13	Packers' National Bank, South Omaha, Nebr.	Rent of rooms, June, 1894	45.00
13	E. E. Bruce & Co.	Varnish, etc., June, 1894	6.50
13	C. A. Melcher	do	3.80
13	Gahan & Byrne	Office rent, etc., June, 1894	200.00
13	W. H. Rose	Office and miscellaneous expenses, June, 1894	16.85
13	Annie Burnett.	Washing towels, January 1 to June 30, 1894	3.60
13	R. P. Williams	Pasturage for cattle, June, 1894	19.50
14	W. S. Devoe	Salary and expenses, June, 1894	333.50
14	H. C. Keeling	do	102.20
14	John C. Jenkins	do	112.70
14	Julius Huelsen	Cleaning office, etc., June, 1894	3.85
14	Geo. C. Faville	Salary and traveling expenses, May and June, 1894	126.15
14	W. C. Rayen	Salary and traveling expenses, June, 1894	139.69
14	J. E. Blackwell et al.	Salaries, June, 1894	2,842.65
14	Richmond and Danville R. R. Co.	Transportation of C. F. Dawson, Order No. 4039, June, 1894	11.20
14	Vandalia Line	Freight charges, March, 1894	3.97
16	Chas. W. Stiles	Traveling expenses, June, 1894	10.00
16	F. S. McMahon et al.	Salaries, June, 1894	993.31
19	Hannibal and St. Joseph R. R. Co.	Freight charges, November, 1893	11.87
19	A. S. Gregg	Salary and expenses, June, 1894	135.90
19	J. E. Blackwell	Office expenses, June, 1894	8.55
19	Peter W. Sherlock	Salary, June 1-19, 1894	37.58
19	C. O. Brockway	Hog rings, June, 1894	10.00
19	Metropolitan Ice Co.	Ice, June, 1894	14.10
19	The Chesapeake and Potomac Telephone Co.	Rent of telephone, etc., Apr. 1 to June 30, 1894	37.19
19	Adams Express Co.	Transportation, June, 1894	13.35
19	D. E. Salmon	Traveling expenses, June, 1894	34.20
23	Baltimore and Ohio Southwestern Rwy. Co.	Freight charges, April, 1894	19.50
23	Western Union Telegraph Co.	Telegrams, May, 1894	12.79
25	Geo. C. Faville	Express charges and postage stamps, June, 1894	3.40
25	Standard Supply Co.	Lead seals, June, 1894	140.00
25	Thomas Manufacturing Co.	Meat inspection tags, June, 1894	65.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

BUREAU OF ANIMAL INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1894.			
July 25	Fannie Fay Mills.....	Services, 4 days, June, 1894.....	\$6.59
25	Annie Nicolai.....	do.....	6.59
25	A. D. Melvin.....	Gasoline, etc., June, 1894.....	1.75
25	F. L. Kilborne.....	Cabbage, June, 1894.....	3.00
25	Chas. R. Talbert.....	Oats and bran, June, 1894.....	17.80
27	Dan. McCunningham.....	Traveling expenses, June, 1894.....	179.55
31	Star Union Line.....	Freight charges, April, 1894.....	16.78
Aug. 1	Hannibal and St. Joseph R.R. Co.....	Freight charges, December and January.....	18.30
1	Baltimore and Ohio R. R. Co.....	Freight charges, February and March.....	21.61
3	The Missouri Pacific Rwy. Co.....	Transportation furnished W. E. Hill et al., June, 1894.....	25.50
9	do.....	Transportation furnished Edw. Shelden, requisition No. 4002, June, 1894.....	13.25
16	Chicago, Burlington and Quincy Rwy. Co.....	Transportation furnished D. E. Salmon et al., June, 1894.....	25.50
16	St. Louis and San Francisco Rwy. Co.....	Transportation, requisitions Nos. 3901, 3902, and 4015, June, 1894.....	6.70
16	Missouri Pacific Rwy. Co.....	Freight charges, March and April, 1894.....	17.38
16	Baltimore and Ohio R. R. Co.....	Freight charges, November, 1893, and April and May, 1894.....	27.04
16	do.....	Freight charges, March and April, 1894.....	31.09
16	Kansas City, Fort Scott and Memphis R. R. Co.....	Transportation of A. S. Gregg, No. 4016, June, 1894.....	6.35
18	The Metropolitan Telephone and Telegraph Co.....	Telephone service, June, 1894.....	22.55
18	do.....	Rent of telephone, June, 1894.....	20.00
23	E. M. Willis.....	Ice, June, 1894.....	13.09
23	American Ice Co.....	Ice, November, 1893.....	2.63
24	Baltimore and Ohio R. R. Co.....	Freightage, May and June, 1894.....	29.65
24	Pennsylvania R. R. Co.....	Transportation, requisitions Nos. 4042 and 4071, June, 1894.....	34.00
24	A. Hoen & Co.....	Interstate inspection stamps, June, 1894.....	75.00
27	United States Express Co.....	Transportation, June, 1894.....	4.20
Sept. 1	Burlington and Missouri Valley R. R., in Nebraska.....	Freight on lead scales, etc., Mar. 21, 1894.....	1.88
4	The Baltimore and Ohio Southwestern Rwy. Co.....	Freight on paper tags, June 18, 1894.....	5.59
15	Wm. D. Jorden.....	Hire of team, June 4, 1894.....	4.00
21	Vandalia Line.....	Freight charges, June 18, 1894.....	4.04
Total salaries and expenses.....			36,684.27
Total rent of laboratory.....			100.00
Total swine plague.....			148.30
Total additional temporary compensation.....			250.00
Transportation orders.....			14.31
Public Printer.....			2,233.10
Total supplemental.....			39,429.98

RECAPITULATION.

Total first quarter.....	\$85,607.37
Total second quarter.....	125,235.73
Total third quarter.....	117,189.51
Total fourth quarter.....	127,966.65
Total supplemental.....	39,429.98

Total.....	495,429.24
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HOG CHOLERA AND SWINE PLAGUE.

Date.	Name.	Nature of payment.	Total.
<i>1893.</i>			
July 31	Theobald Smith et al.....	Salaries for July.....	\$477.50
Aug. 31	F. L. Kilborne et al.....	Salaries for August.....	288.00
Sept. 30	do.....	Salaries for September.....	301.01
Total first quarter.....			1,066.51
Oct. 31	F. L. Kilborne et al.....	Salaries for October.....	288.00
Nov. 4	V. A. Norgaard.....	Salary for October.....	151.60
30	F. L. Kilborne et al.....	Salaries for November.....	279.00
Dec. 9	V. A. Norgaard.....	Salary for November.....	146.80
30	F. L. Kilborne et al.....	Salaries for December.....	288.00
Total second quarter.....			1,153.40

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

HOG CHOLERA AND SWINE PLAGUE—Continued.

Date.	Name.	Nature of payment.	Total
1894.			
Jan. 16	V. A. Norgaard.....	Salary and expenses, December, 1893.....	\$172.55
31	F. L. Kilborne et al.....	Salaries, January, 1894.....	294.50
Feb. 9	V. A. Norgaard.....	Salary and expenses, January, 1894.....	156.87
28	F. L. Kilborne et al.....	Salaries, February, 1894.....	266.00
Mar. 7	V. A. Norgaard.....	Salary, February, 1894.....	140.00
31	F. L. Kilborne et al.....	Salaries, March, 1894.....	294.50
	Total third quarter.....		1,324.42
Apr. 11	V. A. Norgaard.....	Salary and expenses, March, 1894.....	168.51
30	F. L. Kilborne et al.....	Salaries, April, 1894.....	281.80
May 10	V. A. Norgaard.....	Salaries and expenses, April, 1894.....	153.51
31	F. L. Kilborne et al.....	Salaries, May, 1894.....	291.40
June 9	V. A. Norgaard.....	Salary and expenses, May, 1894.....	153.49
30	F. L. Kilborne et al.....	Salaries, June, 1894.....	281.80
	Total fourth quarter.....		1,330.42
	Supplemental.		
July 6	V. A. Norgaard.....	Salary and expenses, June, 1894.....	148.30

RECAPITULATION.

Total first quarter.....	\$1,066.51
Total second quarter.....	1,153.40
Total third quarter.....	1,324.42
Total fourth quarter.....	1,330.42
Total supplemental.....	148.30
Total.....	5,023.05

WEATHER BUREAU—SALARIES.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	Mark W. Harrington et al.....	Salaries for July.....	\$13,043.41
31	C. F. Marvin.....	Salary for July.....	210.60
31	F. J. Randolph.....	do.....	117.90
Aug. 1	H. C. Bate.....	do.....	151.60
1	Norman B. Conger.....	do.....	151.60
1	J. W. Smith.....	do.....	151.60
31	Mark W. Harrington et al.....	Salary for August.....	11,990.99
31	H. H. Kimball.....	do.....	101.10
31	C. F. Marvin.....	do.....	210.60
Sept. 1	H. C. Bate.....	do.....	151.60
1	J. W. Smith.....	do.....	151.60
1	Norman B. Conger.....	do.....	151.60
30	Mark W. Harrington et al.....	Salaries for September.....	11,731.45
30	H. H. Kimball.....	Salary for September.....	97.80
30	C. F. Marvin.....	do.....	203.80
	Total first quarter.....		38,617.25
Oct. 1	H. C. Bate.....	Salary for September.....	146.80
1	Norman B. Conger.....	do.....	146.80
1	J. W. Smith.....	do.....	146.80
31	Mark W. Harrington et al.....	Salaries for October.....	12,105.45
31	C. F. Marvin.....	Salary for October.....	210.60
31	H. H. Kimball.....	do.....	101.10
Nov. 1	H. C. Bate.....	do.....	151.60
1	J. W. Smith.....	do.....	151.60
1	Norman B. Conger.....	do.....	151.60
30	Mark W. Harrington et al.....	Salaries for November.....	11,857.14
30	Isaac W. Brewer.....	Salary for November.....	8.15
Dec. 1	J. W. Smith.....	do.....	146.80
1	H. C. Bate.....	do.....	146.80
1	Norman B. Conger.....	do.....	146.80
31	Mark W. Harrington et al.....	Salaries for December.....	12,348.76
	Total second quarter.....		37,966.80
1894.			
Jan. 2	J. W. Smith.....	Salary for December.....	151.60
2	Norman B. Conger.....	do.....	151.60
2	H. C. Bate.....	do.....	151.60
31	Mark W. Harrington et al.....	Salaries for January.....	12,476.03

90 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 1	H. C. Bate	Salary for January	\$155.00
1	Norman B. Conger	do	155.00
5	H. E. Smith	Salary for January	155.00
28	M. W. Harrington et al.	Salaries for February	11,130.35
Mar. 1	Norman B. Conger	Salary for February	140.00
1	H. C. Bate	do	140.00
1	H. E. Smith	do	140.00
31	M. W. Harrington et al.	Salaries for March	12,514.23
	Total third quarter		37,460.41
Apr. 1	H. E. Smith	Salary for March	155.00
1	H. C. Bate	do	155.00
1	Norman B. Conger	do	155.00
30	M. W. Harrington et al.	Salaries for April	12,195.00
May 1	H. E. Smith	Salary for April	148.30
1	Norman B. Conger	do	148.30
1	H. C. Bate	do	148.30
31	M. W. Harrington et al.	Salaries for May	12,315.17
June 1	W. L. Moore	Salary for May 9-31	157.97
1	Norman B. Conger	Salary for May	153.40
1	H. C. Bate	do	153.40
1	H. E. Smith	do	153.40
30	M. W. Harrington et al.	Salaries for June	11,896.30
	Total fourth quarter		37,934.54
	<i>Supplemental.</i>		
July 1	W. L. Moore	Salary for June	206.00
1	Norman B. Conger	do	148.30
1	H. C. Bate	do	148.30
1	H. E. Smith	do	148.30
	Total supplemental		650.90

RECAPITULATION.

Total first quarter	\$38,617.25
Total second quarter	37,966.80
Total third quarter	37,460.41
Total fourth quarter	37,934.54
Total supplemental	650.90

Total 152,629.90

WEATHER BUREAU—TEMPORARY EMPLOYMENT FOR MESSENGERS AND LABORERS.

Date.	Name.	Nature of Payment.	Total.
1893.			
July 31	Lucy Payne et al.	Salaries for July	\$47.73
Aug. 31	do	Salaries for August	106.10
Sept. 30	do	Salaries for September	102.80
	Total first quarter		256.68
Oct. 31	Lucy Payne et al.	Salaries for October	106.10
Nov. 30	do	Salaries for November	44.00
Dec. 31	do	Salaries for December	45.50
	Total second quarter		195.60
1894.			
Jan. 31	Lucy Payne et al.	Salaries for January	46.50
Feb. 28	do	Salaries for February	38.60
Mar. 31	do	Salaries for March	46.50
	Total third quarter		131.60
Apr. 30	Lucy Payne et al.	Salaries for April	44.50
May 31	do	Salaries for May	46.00
June 30	do	Salaries for June	44.50
	Total fourth quarter		135.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—TEMPORARY EMPLOYMENT FOR MESSENGERS AND LABORERS—Continued.

RECAPITULATION.

Total first quarter.....	\$256.68
Total second quarter.....	195.60
Total third quarter.....	131.60
Total fourth quarter.....	135.00
Total	718.88

WEATHER BUREAU—FUEL, LIGHTS, AND REPAIRS.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	Henry Braun et al.....	Salaries for July	\$289.90
Aug. 10	James B. Lambie.....	Speed indicator	1.50
10	Robert Leitch & Sons.....	Pipe, etc	4.09
11	Joseph F. Collins.....	Repainting brickwork	5.00
17	The United States Electric Lighting Co.	Electric current for July	35.41
17	Washington Gaslight Co.....	Gas consumed, July	28.00
18	Church & Stephenson.....	Lumber	19.81
22	James B. Lambie.....	Hardware	12.04
31	Henry Braun et al.....	Salaries for August	331.90
31	F. A. Schneider.....	Hardware	5.40
31	George Bowman.....	Cleaning boilers, etc	7.00
31	do	Removing ashes	5.35
Sept. 2	do	Removing rubbish .....	.75
2	Alexander Mason.....	Removing ashes .....	.63
12	Charles Werner.....	Wood	4.74
12	H. Boesch, C. E.....	Testing engine	25.00
12	The United States Electric Lighting Co.	Electric current, August	36.62
12	Washington Gaslight Co.....	Gas for August	31.00
13	F. A. Schneider.....	Putz pomade	1.50
19	Manogue & Jones.....	Brush	1.50
20	Geo. M. D. Jory.....	Painting	30.00
27	Lewis Hopfenmaier.....	Tallow	3.00
27	James H. McGill.....	Cement	3.00
28	John E. Martin.....	Repairing stable	6.00
30	Henry Braun et al.....	Labor for September	229.87
	Total first quarter		1,119.01
Oct. 3	Chas. Becker.....	Plaster of Paris, etc	3.55
3	W. T. & F. B. Weaver.....	Belt lacings	3.25
4	F. W. Sickenerberger.....	Repairing instrument	2.00
5	Royce & Marean.....	Electrical supplies	50.45
7	Joseph F. Collins.....	Labor and material	73.50
12	The United States Electric Lighting Co.	Electric current, September	35.07
18	Washington Gaslight Co.....	Gas, September	32.75
19	James B. Lambie.....	Tin	44.00
19	Chas. Becker.....	Bronze powder .....	.70
19	W. T. Galliher & Bro.....	Lumber	87.35
19	A. G. Brust.....	Services, Oct. 9 to 14	15.00
21	W. D. Dabner.....	Removing ashes	2.00
25	F. A. Schneider.....	Hardware	13.47
28	Wm. H. Butler.....	Varnish	1.80
28	Chas. Becker.....	Brushes	1.70
28	Forsberg & Murray.....	Labor and material	199.00
31	Henry Braun et al.....	Labor for July	200.90
Nov. 3	Chas. Becker.....	Brushes, etc	27.39
11	Pettit & Dripps.....	Repairing engine	174.00
11	James Nolan.....	Repairing gas fixtures	5.00
17	Chas. Becker.....	Repairing windows	2.75
18	Washington Gaslight Co.....	Gas for October	38.75
18	The United States Electric Lighting Co.	Electric current, October	38.07
18	W. S. Moore.....	Repairing boiler	51.59
18	The E. F. Brooks Co.....	Gas burners	1.00
22	C. Norman Beaton.....	Hose, etc	69.50
22	Royce & Marean.....	Electric bell, etc	2.50
23	Hendley & Biggs.....	Repairing steam boiler	192.20
23	do	Repairing radiator	2.65
23	Johnson Bros.....	Coal	209.33
24	Chas. Werner.....	Wood and coal	17.23
30	Henry Braun et al.....	Labor for November	257.00
30	Jerry Nevitt.....	Cleaning ashpit	1.50
30	Wm. Forbes.....	do	1.50
30	Frederick Miner.....	do	1.50
Dec. 13	Hugh Reilly.....	Paint, etc	14.82

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—FUEL, LIGHTS, AND REPAIRS—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 13	Hugh Reilly	Panes of glass, etc.	\$2.60
14	Pettit & Dripps	Repairing engine	3.50
14	Geo. Rynear, Jr.	Paints	3.63
18	The United States Electric Lighting Co.	Electric current Nov. 1 to 29	37.28
19	D. H. Washburn	Labor and material	565.00
19	Washington Gaslight Co.	Gas for November	41.00
19	Williams & Hanks	Leather belting	1.36
19	Johnson Bros.	Coal	114.98
19	Chas. Werner	do	6.00
21	Hugh Reilly	White lead, etc.	28.28
22	Church & Stephenson	Lumber	7.33
22	James Nolan	Repairing water pipe	28.60
30	Wm. H. Lacy	Labor and material	7.00
31	Henry Braun et al	Labor for December	261.50
31	Samuel Dixon	Removing ashes	1.50
31	Frederick Miner	do	1.50
31	William Douglass	do	1.50
	Total second quarter		2,987.33
1894.			
Jan. 11	James B. Lambie	Repairing windows, etc.	7.50
11	Warren W. Biggs	Repairing heating apparatus	5.45
17	Washington Gaslight Co.	Gas for December	65.50
17	Johnson Bros.	Coal	118.68
18	Royce & Marean	Repairing electric light	1.50
20	Forsberg & Murray	Labor and material	38.00
20	Hugh Reilly	Brushes, etc.	9.75
20	Chas. Werner	Coal and wood	11.74
20	D. H. Washburn	Repairing electric light	24.00
27	Johnson Bros.	Coal	109.52
31	Henry Braun et al	Labor for January	239.19
31	Jerry Nebbit	Removing ashes, etc.	1.50
31	N. Saxon	do	1.50
31	S. Dixon	do	1.50
31	T. Fred Jones	Services, Jan. 8 to 22	39.00
Feb. 2	Warren W. Biggs	Fusible plugs	2.20
2	Chas. Becker	Turpentine	2.10
2	Williams & Hanks	Repairing engine	3.30
3	James Nolan	Labor and material	18.00
3	Hugh Reilly	Painting materials	1.90
7	John Moran	Lava tips	.50
7	Washington Gaslight Co.	Gas for January	73.00
7	D. H. Washburn	Extending electric light plant	94.00
7	Thos. Somerville & Sons	Repairing gas fixtures	1.52
12	Rob't Leitch & Sons	Repairing engine	.50
14	Johnson Bros.	Coal	153.17
19	Chas. Werner	do	6.00
21	F. A. Schneider	Putz pomade	1.50
23	Royce & Marean	Repairing electric light plant	7.20
28	The E. F. Brooks Co.	do	3.75
28	Wm. A. Cassell	Painting woodwork, etc.	6.00
28	Henry Braun et al	Labor for February	162.60
Mar. 6	Chas. Becker	Glass	1.00
7	Washington Gaslight Co.	Gas for February	38.00
10	Lubroleme Oil Co.	Oil	17.22
10	Johnson Bros.	Coal	136.86
15	James Nolan	Labor and material	45.10
15	John K. Ward	do	13.00
24	Forsberg & Murray	Repairing engine	39.60
24	B. F. Whiteside	Gasoline	.35
24	Johnson Bros.	Coal	59.28
31	George Bowman	Services, removing ashes	8.10
31	John Sullivan et al	Labor in March	175.70
	Total third quarter		1,745.78
Apr. 10	D. H. Washburn	Incandescent lamps, March, 1894	8.40
10	James H. McGill	1 barrel cement, March, 1894	3.00
11	Washington Gaslight Co.	Gas, March, 1894	29.25
11	Royce & Marean	Carbon brushes, shades, and holders, March, 1894	4.85
12	Williams & Hanks	Services and material, March, 1894	54.00
12	Johnson Bros.	1894	143.34
12	W. T. Galliher & Bro.	Coal, March, 1894	
30	Notley Anderson	Lumber, March, 1894	13.32
30	Philip H. Ward	Laying asphalt floor, etc., March, 1894	23.50
30	J. R. Dove	Potatoes for cleaning tubes, March, 1894	1.00
	Services, March, 1894		1.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—FUEL, LIGHTS, AND REPAIRS—Continued.

Date.	Name	Nature of payment.	Total.
1894.			
Apr. 30	E. H. Saunders	Service, March, 1894	\$1.50
30	Benj. Pursell	do	1.50
30	George Bowman	Services, April, 1894	5.50
30	John Sullivan et al.	Labor in April, 1894	168.10
May 7	Johnson Bros	Coal, April, 1894	139.58
7	Forsberg & Murray	Repairing heating apparatus, April, 1894	4.00
10	James Lockhead	Washbowl, etc., February, 1894	3.25
10	Ernest Betz	Repairing tin roof, April, 1894	2.65
10	Williams & Hanks	Materials for repairing engine, April, 1894	6.80
10	Washington Gaslight Co.	Gas, April, 1894	31.75
10	J. H. Wilkerson	Inspecting steam boiler, April, 1895	5.00
18	W. T. & F. B. Weaver	Iron, in repairing Weather Bureau buildings, May, 1894	.75
26	James Nolan	Repairs in Weather Bureau building, April, 1894	4.50
31	John Sullivan et al.	Labor, May, 1894	235.20
31	George Bowman	Removing ashes, etc., May, 1894	4.40
June 1	Goodyear Rubber Co.	Sheet rubber, May, 1894	1.00
4	G. L. Fogler	Repairing main building, Weather Bureau, May, 1894	40.00
9	Washington Gaslight Co.	Gas, May, 1894	25.50
18	Fisher & Johnson	Repairs to Weather Bureau building, May, 1894	8.00
19	Thos. Somerville & Sons	Steam-fitting supplies, etc., March and April, 1894	5.67
21	Chas. Werner	Two cords pine wood, June, 1894	9.48
25	Joseph F. Collins	Repairs in Weather Bureau building, June, 1894	47.00
30	John Sullivan et al.	Labor, June, 1894	257.07
30	Geo. M. D. Jory	Painting Weather Bureau building, Washington, D. C., June, 1894	10.00
Total fourth quarter			1,300.36
<i>Supplemental.</i>			
July 2	The E. S. Greeley Co.	Dynamo brushes, June, 1894	7.20
2	F. A. Schneider	Files, June, 1894	.85
2	Forsberg & Murray	10 pounds of Albany grease, etc., May, 1894	4.25
14	D. H. Washburn	Incandescent lamps, June, 1894	12.60
14	Washington Gaslight Co.	Gas, June, 1894	17.00
16	J. H. Chesley & Co.	Sheet copper	1.00
31	Geo. F. Bowman	Cleaning boilers, etc	12.50
Aug. 7	W. D. Brace	5 pounds vaseline	1.25
11	Robt. Leitch & Sons	Nipples, caps, etc.	1.02
Sept. 7	Thos. Somerville & Sons	Repairing engine	9.94
19	John B. Lord	Sand	.75
19	Royce & Marean	Lamps, etc.	3.30
Total supplemental			71.66

RECAPITULATION.

Total first quarter	\$1,119.01
Total second quarter	2,987.33
Total third quarter	1,745.78
Total fourth quarter	1,300.36
Total supplemental	71.66

Total 7,224.14

WEATHER BUREAU—CONTINGENT EXPENSES.

Date.	Name.	Nature of payment.	Total.
1894.			
Aug. 3	Herdic Phaeton Co.	Street car tickets	\$39.00
10	Lucy Payne	Washing towels in July	3.43
10	Holmes & Co.	Rubber matting	2.13
10	John C. Parker	Paper	7.45
10	National Railway Publishing Co	Subscription to Railway Guide, July 1, 1893, to July 1, 1894.	5.00
11	Thos. J. Luttrell	Towels	4.11
11	F. S. Cahill & Co	Bicycle, etc.	250.00
11	Manogue & Jones	Sapolio	1.00
11	Wm. H. Barton	Book	3.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 11	American Ice Co.	Ice for July	\$19.39
17	Robt. Mayer & Co.	Tracing paper	6.00
17	W. D. Brace	Roach paste	1.00
17	Charles Becker	Artists' brushes, etc	4.83
17	Melville Lindsay	Lineman's gloves	2.25
17	Bowers & Daly	Horseshoeing	4.50
17	Woodward & Lothrop	Call bells	2.01
17	M. W. Beveridge	Tumblers	3.60
17	James B. Lambie	Blank keys	5.00
17	Thos. J. Luttrell	Roller, towels, etc	12.60
18	Wm. Ballantyne & Sons	Stationery	5.19
18	John C. Parker	Twine	1.20
18	Wyckoff, Seamans & Benedict	Adjusting typewriter .....	.50
18	Easton & Rupp	Stationery	11.02
18	D. Johnson	Feed	22.51
18	Wm. A. Wheeler, jr.	Stationery	2.43
18	Manhattan Supply Co.	do .....	.33
21	Herman Baumgarten	Metal pipe, etc	136.50
22	M. E. Mann	Book	6.00
22	James B. Lambie	Drill	2.60
22	Charles Becker	Alcohol, etc	6.55
22	Wm. Ballantyne & Sons	Shears, etc	29.23
22	Charles T. Carter & Co.	Brushes, etc	1.83
22	J. Baumgarten & Son	Rubber stamps	1.05
24	M. J. Adler	Whip .....	.75
31	F. A. Schneider	Hardware	16.90
31	do	Mouse traps	1.00
31	J. Baumgarten & Sons	Rubber stamps, etc	21.40
Sept. 2	Ratcliff, Darr & Co.	Auctioneer's services	8.39
2	W. B. Moses & Son	Cleaning carpet	4.88
12	C. Becker	Harness dressing .....	.50
12	John C. Parker	Paper	17.50
12	Lucy Payne	Washing towels, August	3.06
12	American Ice Co.	Ice for August	29.16
13	Samuel Springmann	Hauling	4.07
13	Wm. A. Wheeler, jr.	Stationery	62.00
13	J. Baumgarten & Son	Stamps	3.90
13	Wm. Ballantyne & Son	Stationery	50.75
13	Bowers & Daly	Shoeing horses	4.50
13	Newman & Son	Typewriter stands	7.00
16	John C. Parker	Stationery	68.24
19	A. G. Elliott & Co.	Wrapping paper	60.00
20	C. Becker	Repairing harness, etc .....	.60
20	W. H. Butler	Varnish	1.00
22	D. A. Tower	Stationery	8.66
22	Gottlieb Spitzer	Rubber stamps, etc	8.82
22	Church & Stephenson	Lumber	1.18
27	Wyckoff, Seamans & Benedict	Adjusting typewriter .....	.50
28	W. D. Brace	Alcohol	12.35
	Total first quarter		1,000.85
Oct. 2	Smith Premier Typewriter Co.	Repairing typewriter	9.00
2	Herdic Phaeton Co.	Street car tickets	39.00
3	Thomas J. Luttrell	Millinette	1.45
4	John C. Parker	Copying machine, etc	48.05
4	A. M. Hewes	Envelope moisteners, etc	3.00
5	Henry A. Clark & Son	Spring for typewriter .....	.25
5	Easton & Rupp	Ribbons for typewriter	82.71
5	Thos. J. Luttrell	Cotton cloth .....	.20
5	W. H. Houghton Manufacturing Co.	Cleaning carpet, etc	5.35
5	H. W. Hinkle	Packing boxes	18.00
5	Gottlieb Spitzer	Rubber stamps .....	.77
5	F. A. Schneider	Emery, etc	1.40
7	F. P. Hackney	Boarding horses, Aug. 10 to Sept. 30	59.84
7	Lucy Payne	Washing towels for September	3.09
7	American Ice Co.	Ice for September	25.63
11	White & Dodson	Brushes, etc	6.03
11	Manogue & Jones	Flour	1.40
19	C. Schneider	Repairing office safe	1.50
19	Herman Baumgarten	Rubber stamps	3.00
19	Church & Stephenson	Lumber	32.22
19	Chas. Becker	Glass .....	.50
21	John C. Parker	Baskets, etc	12.82
Nov. 3	Bowers & Daly	Shoeing horses	4.50
8	F. P. Hackney	Boarding horses, October	35.00
8	W. D. Brace	Sassafras .....	.60
8	W. B. Moses & Sons	Material for screen	7.02

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 8	The Chesapeake and Potomac Telephone Co.	Telephone-exchange service, July 1 to September 30.	\$28.00
8	Royce & Marean	Sulphuric acid.	.80
11	Fred A. Schmidt	Celluloid	1.00
11	The W. H. Houghton Manufacturing Co.	Window shades	4.75
11	Gottlieb Spitzer	Rubber stamps	2.04
11	Pearce, Lawton & McReynolds.	Repairing wagon, etc.	42.75
11	Wm. Ballantyne & Sons	Book	.80
11	W. H. Veerhoff	Frame	3.75
11	John C. Parker	Pencil protectors	.50
17	Conrad Becker	Repairing harness	2.95
17	Gottlieb Spitzer	Rubber stamps	.60
18	A. G. Lutz	do	.20
18	M. J. Adler	Hardware	5.10
20	M. N. Forney	Subscription to vol. 1, Hermantics	1.00
21	Lucy Payne	Washing towels, October	3.00
21	Wm. E. Dyre	Binders	34.94
21	Smith Premier Typewriter Co.	Typewriter	85.50
21	Royce & Marean	Electric buttons	1.00
23	Gottlieb Spitzer	Rubber stamps	1.77
23	John McDermott & Bro.	Repairing office carriage	7.75
24	Bowers & Daly	Shoeing horses	4.50
24	J. H. Chesley & Co.	Glue	5.76
Dec. 1	Chas. Becker	Oil paints	7.20
4	F. S. Cahill & Co	Repairing bicycle	2.50
4	F. P. May & Co	Hardware	12.66
6	M. J. Adler	do	1.20
6	Kohler Manufacturing Co	Paste	5.18
13	John C. Parker	Book	3.75
13	Hugh Reilly	Japan drier	.48
14	Lubroline Oil Co	Oil	22.95
14	American Ice Co	Ice for October	23.73
14	James B. Lambie	Repairing office chairs	6.50
14	Signor & Hardy	Shoeing horses	3.75
14	The Smith Premier Typewriter Co.	Repairing typewriter	5.00
18	F. P. Hackney	Boarding horses, November	35.00
18	Geo. Ryneal, Jr.	Benzine	.80
18	John C. Parker	Type wheel	2.50
18	Bowers & Daly	Shoeing horses	.75
18	Craig & Harding	Window shades	2.25
18	Pearce, Lawton & McReynolds.	Repairing carriage	59.00
18	C. Becker	Lap robe	6.50
18	American Ice Co	Ice for October	20.53
18	Newman & Son	Repairing typewriter	5.00
19	C. Becker	Horse blankets	12.00
19	Lucy Payne	Washing towels, November	3.30
19	Easton & Rupp	Typewriter ribbons	5.40
21	F. A. Schneider	Paper pails	.60
21	Wyckoff, Seamans & Benedict	Typewriter paper	9.75
22	Church and Stephenson	Lumber	4.82
22	Forker & Baldwin	Flag	4.50
22	Kohler Manufacturing Co	Paste	4.32
Total second quarter			912.61
1894.			
Jan. 3	John C. Parker	Index cards, etc.	7.50
3	Chas. Decker	Sperm oil	.90
11	Wm. Ballantyne & Sons	Mucilage brushes, etc.	2.46
11	James B. Lambie	Hardware	10.25
12	John C. Parker	Washington city directory	5.00
12	do	Blank book	15.50
12	M. G. Copeland & Co	Awning cover	3.00
13	John Lynch	Shoeing horses	6.75
13	Lucy Payne	Washing towels, December	2.56
17	Newman & Son	Repairing typewriter	6.00
18	F. P. Hackney	Boarding horses, December	35.00
18	American Ice Co	Ice for December	19.57
19	Chesapeake and Potomac Telephone Co.	Rent of telephone, October 1 to December 31.	25.00
22	Crane & Co.	Paper	14.00
27	John C. Parker	Toilet paper, etc.	8.20
27	do	Ink	1.00
29	Columbia Phonograph Co	Rent of phonographs, July 1 to October 31.	120.00
Feb. 2	F. P. Hackney	Hauling	12.00
3	S. P. Langley, secretary Smithsonian Institution.	Transportation of exchanges, October 1 to December 31.	9.41
3	Craig & Harding	Window shades	5.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 5	F. A. Schneider	Emery paper	\$2.80
5	John C. Parker	Repairing typewriter	30.50
5	W. B. Moses & Sons	Billiard cloth	4.67
7	Gottlieb Spitzer	Rubber stamps	.82
7	John C. Parker	Ribbons for typewriter	2.95
9	Lucy Payne	Washing towels, January	3.96
12	Wyckoff, Seamans & Benedict	Repairing typewriter	3.00
12	James B. Lambie	Gilt nails	.50
12	Smith Premier Typewriter Co.	Repairing typewriter	6.00
16	American Ice Co	Ice for January	17.43
19	Herdic Phaeton Co	Herdic tickets	39.00
21	John Lynch	Shoeing horses	5.00
27	Wm Ballantyne & Sons	Books	11.27
28	John C. Parker	Postal Guides	12.80
28	Newman & Son	Caligraph typewriter	76.50
28	P. S. Murphy	Ventilators	1.40
Mar. 2	W. B. Moses & Sons	Cleaning carpets, etc.	56.68
7	Melville Lindsay	Rubber stufs, etc	17.55
7	Herman Baumgarten	Rubber stamps	2.50
7	Gottlieb Spitzer	do	.83
7	C. Becker	Repairing harness	64.15
7	F. P. Hackney	Boarding horses, January and February	70.00
7	do	Hire of horses, January 29 to Febuary 21	31.50
7	E. M. Willis	Ice for February	15.06
10	Geo. W. Knox Express	Custom-house charges, etc	7.49
10	James B. Lambie	Hardware	12.25
10	John Lynch	Shoeing horses	5.25
10	Royce & Marean	Varnish	.60
10	F. S. Cahill & Co.	Repairing bicycle	11.25
15	Fred. A. Schmidt	Ink brushes, etc	7.46
15	Church & Stephenson	Lumber	73.06
15	John C. Parker	Toilet paper	7.45
19	Wyckoff, Seamans & Benedict	Remington typewriter	90.00
19	Herman Baumgarten	Repairing inking stamp	3.00
24	Gustav E. Stechert	Books and pamphlets	9.90
24	Ginn & Co	Book	2.50
24	F. S. Cahill & Co	Repairing bicycle	3.50
24	B. F. Whiteside	Ink	.40
24	Herman Baumgarten	do	.60
24	Royce & Marean	Varnish	3.83
24	Hugh Reilly	Pane of glass	.40
31	John L. Browning	1 horse	100.00
31	Pearce & Lawton	Furnishing and putting in bolts	.50
31	Lucy Payne	Washing towels for February, 1894	3.19
31	Newman & Son	Repairing caligraph	5.10
31	Gottlieb Spitzer	Rubber stamps	.60
31	James B. Lambie	Hardware	6.16
	Total third quarter		1,140.46
Apr. 3	F. P. Hackney	Boarding 2 horses, March, 1894	35.00
10	The Smith Premier Typewriter Co., Frank M. Evans, manager.	Repairing typewriter, March, 1894	7.00
11	E. M. Willis	Ice, March, 1894	20.97
11	Royce & Marean	Speaking tubing, etc., March, 1894	1.14
16	John Lynch	Shoeing horses, March, 1894	3.00
17	John C. Parker	Files, March, 1894	15.50
17	The Chesapeake and Potomac Telephone Co.	Rent of telephone, January, February, and March, 1894	25.00
17	Brinkman Bros	Repairing wagon, April, 1894	5.75
30	D. A. Tower	Ink eradicator, March, 1894	1.80
30	Robertie Payne	Washing towels, March, 1894	3.66
May 5	The Smithsonian Institution	Transportation of exchanges, quarter ending March 31, 1894	54.02
5	John McDermott & Bro	Axle oil, April, 1894	.50
7	William Daw	Halter, April, 1894	1.01
10	F. Petersen	Window shades, March, 1894	6.22
10	T. S. Cahill & Co	Repairing bicycles, April, 1894	6.00
12	Newman & Son	Repairing typewriter, March, 1894	1z. 80
12	James B. Lambie	1 door check, spring, etc., April, 1894	4.00
15	F. P. Hackney	Boarding 2 horses, April, 1894	35.00
15	do	Hire of horse, etc., March 6 to April 15, 1894	33.00
15	Easton & Rupp	Paper and envelopes, April, 1894	15.60
15	E. M. Willis	Ice, April, 1894	19.99
15	Wyckoff, Seamans & Benedict	Repairing typewriter, April, 1894	.50
15	R. C. M. Burton	Furnishing and adjusting awnings, etc., April, 1894	21.95
15	William Daw	Repairing harness, May, 1894	.75
15	Gottlieb Spitzer	1 rubber stamp, April, 1894	.30

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. May 15	B. F. Whiteside	Sulphuric acid, May, 1894	\$0.40
16	John C. Parker	Silk taste, April, 1894	3.75
18	Brinkman Bros.	Repairing mail wagon, April, 1894	1.75
26	Newman & Son	Repairing typewriter, May, 1894	35.00
26	Wm. Ballantyne & Sons	1 copy of Heyne, Wörterbuch, vol. 5, May, 1894	1.48
26	Hermann Baumgarten	2 self-inking hand stamps, May, 1894	3.00
26	John C. Parker	Toilet paper, May, 1894	7.45
31	Robertie Payne	Washing towels, April, 1894	3.80
31	John Lynch	Shoeing horses, April, 1894	4.50
June 1	Wm. Ballantyne & Sons	Manila envelopes, May, 1894	4.50
1	F. S. Cahill & Co	Repairing bicycles, May, 1894	6.75
9	E. M. Willis	Ice, May, 1894	25.70
11	The Florida Times-Union	Advertising, May, 1894	11.20
18	Wm. Wesley & Son	Foreign publications, November, 1893	61.33
18	Manogue & Jones	Sapolio, May, 1894 .....	.90
18	F. S. Cahill & Co	Repairing bicycle, June, 1894	3.50
18	F. P. Hackney	Boarding 2 horses, May, 1894	35.00
18	Easton & Rupp	Copying tank, etc., May, 1894	12.00
18	Herman Baumgarten	Rubber hand stamps, June, 1894	1.00
19	Easton & Rupp	Eyelet punches, June, 1894	3.50
21	W. B. Moses & Sons	Repairing window shades, May, 1894	2.70
30	Robertie Payne	Washing towels, May, 1894	3.33
30	John Lynch	Shoeing horses, May, 1894	6.75
Total fourth quarter			569.75
<i>Supplemental.</i>			
1894. July 2	Newman & Son	Repairs to caligraph, June, 1894	1.00
2	Church & Stephenson	Lumber, May, 1894	6.16
2	F. S. Cahill & Co	Repairs to bicycle, June, 1894 .....	.50
14	The Smith Premier Typewriter Co.	Type-cleaning brush, June, 1894 .....	.25
14	Royce & Marean	Glass battery jars, June, 1894	4.39
14	John McDermott & Bro.	Repairs to carriage, June, 1894	21.50
14	do	Rubber apron for carriage, June, 1894	2.75
14	W. B. Moses & Sons	Carpet sweeper, June, 1894	3.50
20	E. M. Willis	Ice, June, 1894	30.72
31	Robertie Payne	Washing towels, June, 1894	3.50
Aug. 4	John C. Parker	1 letter-press, etc, May and June, 1894	15.25
4	Adams Express Co	Transportation, United States Weather Bureau property, June, 1894	3.65
7	F. P. Hackney	Boarding 2 horses, June, 1894	35.00
7	Wm. Ballantyne & Sons	Shipman files, June, 1894	9.54
7	Geo. A. Young	Repairing bicycle, June, 1894	1.00
11	C. Becker	New harness, whip, lap blanket, etc., May, 1894	11.00
11	Jas. B. Lambie	Key blanks, June, 1894	2.70
11	The Chesapeake and Potomac Telephone Co.	Rental and exchange service, April 1 to June 30, 1894	25.00
Sept. 1	Smithsonian Institution	Transportation of exchanges, April 1 to June 30, 1894	47.92
19	A. S. Abell Co.	Advertising	10.93
Total supplemental			236.26

RECAPITULATION.

Total first quarter	\$1,000.85
Total second quarter	912.61
Total third quarter	1,140.46
Total fourth quarter	569.75
Total supplemental	236.26

Total

3,859.93

H. Ex. 8—7

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES.

Date.	Name.	Nature of payment.	Total.
1893.			
July 31	L. Winters et al	Printing-office salaries for July	\$1,899.13
31	Franck Farish	Salary for July	83.20
Aug. 3	Darrow & Comstock	Oil, etc.....	7.03
9	Alex. G. Burns	Traveling expenses, July 3	2.00
9	G. N. Wilson	do	7.30
10	The Standard Engraving Co	Engraving plate	4.25
10	Craig & Harding	Duster	1.07
10	Z. D. Gilman	Student lamp, etc	6.57
10	Chas. Becker	Brush, etc .....	.86
10	C. Becker	Ankle boot .....	.50
10	C. H. Burdick	Making keys	1.00
10	Henry Beckman & Son	Oil, etc	8.75
10	Megeath Stationery Co	Stationery	6.05
10	C. W. Yates	Oil, etc	10.02
10	John M. Miller	Stationery	12.50
10	George W. Beckwith	Repairing flagstaff	3.00
10	E. J. Brooks & Co	Scissors .....	.84
10	Manhattan Supply Co	Flag	2.08
10	Wm. M. Dudley	Traveling expenses, July	11.00
10	Geo. B. Wurtz	do	6.60
10	The Baltimore Traction Co	Car fares, July	54.75
10	T. L. Bridges	Traveling expenses, July	7.50
11	Frank Rentz	Repairing instrument shelter	5.00
11	Paul Daniels	Traveling expenses, July	14.75
11	C. C. Howorth	Stationery	1.80
11	Alfred F. Sims	Services, July 15 to 19	19.03
11	W. S. Gosnell	Services, July	5.00
11	John H. Hook	do	4.00
11	John Edwards	do	3.00
11	C. F. Gregor	do	5.00
11	Elizabeth H. Hobbs	do	3.00
11	Richard Titus	do	4.00
11	J. N. Applebaugh	do	36.00
11	Jennie Pritchett	do	3.00
11	Dennison Manufacturing Co	Card holders	54.60
11	Thos. Robinson	Services for July	25.00
11	Frank Golart, jr	do	3.00
11	Cleveland Electric Rwy. Co	Street-car tickets, July to September	9.00
11	Haley Grocery Co	Coal oil	2.20
11	Lowman & Hanaford S. and P. Co.	Ink	6.00
11	W. M. Case	Services for July	40.00
11	J. G. Kapp	Repairing clock, etc	2.00
11	W. A. Pate	Belt lacing	2.00
17	Joseph Chilberg	Office rent, Olympia, Wash., July	26.50
17	Wild & Stevens	Recasting rollers	2.80
17	J. L. Davis	Ink and mucilage	3.50
17	G. T. Reidy	Oil	5.00
17	John F. McLean	Ink and mucilage	10.65
17	C. H. Richardson	Expenses, July	3.00
17	Norfolk and Washington Steam boat Co.	Freight charges, July 3	6.91
17	do	Freight charges, June 26 .....	.25
17	Toilet Supply Co	Toilet supply, July	1.50
17	R. H. Weeks	Water cooler	3.50
17	H. H. Kimball	Traveling expenses, July and August	6.25
17	Robert Sherrard	Services as cleaner, July	3.00
17	C. Petersen	Ink, mucilage, etc	25.30
17	Chas. Williams	Wood	48.00
17	Memphis Light and Power Co	Electric current, July	4.54
17	J. P. Sheldon	Repairing instrument, shelter, etc	8.00
17	Royce & Marean	Telegraph supplies	27.44
17	Geo. Ryneal, jr	Lanterns, etc	11.51
17	do	Lamp shades, etc	82.46
17	Andrew B. Graham	Engraving	12.50
17	H. Brown	Drayage	5.25
17	Manning & Smith	Labor and material	11.00
17	Broadwater & Pepin	Repairing boardwalk, etc	18.00
17	do	Coal, oil, etc	66.04
17	Valentin Montoya	Services as cleaner, July	5.00
17	B. A. Jeune	Office rent, Idaho Falls, Idaho, July	30.00
17	W. D. Clark & Co	Towels, etc	91.88
18	J. C. Entwistle	Engraving	5.00
18	F. P. May & Co	Brushes, etc	21.03
18	J. H. Chesley & Co	Telegraph supplies	11.50
18	Forsberg & Murray	Labor and material	68.00
18	United States Express Co	Expressage	6.01
18	Adams Express Co	do	1.89
18	John C. Parker	Sponges	6.00
18	Charles Becker	Panes of glass	16.70

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 99

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 18	E. P. Jones	Expenses, July	\$6.65
18	J. Benson Starr	Mucilage	1.00
18	W. C. Shelton	Storage, July	1.50
18	G. B. McCoy	Telegraphing, July	6.00
18	W. G. Sloane & Co	Matting	7.31
18	J. J. Sweeney	Painting	15.00
18	Brown Printing Co	Printing bulletins	4.00
18	James White	Repairing river gauge	11.50
18	The J. K. Gill Co	Ink and mucilage	9.05
18	T. N. Dunbar	Brooms, matches, etc	5.30
18	W. B. Bodéy	Office chair	2.50
18	G. A. Shannon	Desk	14.50
18	S. J. Lutz & Co	Broom and oil	7.50
18	R. S. Smith	Wood	40.00
18	J. E. Lanouette	Repairing United States telegraph line	2.00
18	D. C. Hibbard	do	8.75
18	T. J. Considine	Hauling, etc	1.10
18	C. F. Jones	Repairing United States telegraph line	9.00
18	Green, Burke & Gregory	Binding weather maps	3.00
18	A. M. Clark	Painting river and snow gauge	17.50
18	H. J. Little	Wood	100.00
18	The Arctic Ice Co	Ice for July	3.19
18	F. Rees Woolford & Co	Matches, brooms, etc	2.96
18	J. J. Veeder	Repairing United States telegraph line	10.00
18	James Cameron	Hauling	15.00
18	R. C. Arrell	Repairing United States telegraph line	3.00
18	W. E. Hill	do	1.50
18	Joseph P. Gardner	Repairing office chairs	1.00
18	M. G. Guy	Lumber	21.75
18	H. E. Hodgson	Repairing clock	2.00
18	W. L. House	Drayage	2.00
18	Manhattan Supply Co	Alarm clocks	101.98
18	do	Feather dusters, etc	7.22
18	Julien P. Friez	Repairing anemometers	165.00
18	do	Copper funnels	15.00
18	Wyoming Midland Telegraph Co.	Telegraphing, July	11.50
18	C. H. Burdick	Labor and material	.75
18	W. H. Henley	Expenses, July	6.00
18	Walter A. Luscombe	Hire of team	3.00
18	John J. Veeder	Repairing cable	3.00
18	H. P. Clapp	do	6.00
18	John Roberts	do	6.00
18	E. F. Donnelly	do	4.00
18	Martin Lawson	do	5.00
18	L. B. Midgett, jr	do	4.50
22	Manhattan Supply Co	Twine	45.00
22	H. J. Little	Services, July 28 and 29	7.00
22	A. J. Stovall	Repairing United States telegraph line	2.00
22	Clarke & Co	Ink and mucilage	5.00
22	The Dodge & Brown Co	Ink, mucilage, etc	5.00
22	S. H. Fleming	do	10.55
22	The Redhead, Norton, Lathrop Co.	Ink and mucilage	4.15
22	Gethins Electric Manufacturing Co.	Electrical supplies	13.50
22	W. P. Phillips	Water cooler	5.00
22	John Palmer	Painting	9.50
22	J. C. Ergood & Co	Brooms, etc	149.15
22	John C. Parker	Paper	98.40
22	Royce & Marean	Hardware	63.25
24	M. J. Adler	do	43.20
24	J. A. Miller	Matches, etc	17.30
24	J. L. B. Vial	Cleaning clock	2.00
24	Will Van Duzer	Services for July	20.00
24	Madison Edwards	Repairing United States telegraph line	6.00
25	Henry J. Green	Thermometer	2.25
25	Leon J. Glaenzer & Co	Barometer	10.37
25	W. S. Gosnell	Repairing zinc floor, etc	3.00
25	John C. Parker	Paper	312.50
25	J. H. Chesley & Co	Brushes, etc	64.00
25	Wm. Ballantyne & Son	Pins	32.50
31	L. Winters et al	Printing-office pay roll for August	1,898.52
31	Franck Farish	Services for August	86.40
31	F. A. Schneidner	Bucket, etc	1.65
31	T. J. Randolph	Traveling expenses, August	8.35
2	M. Silverberg & Co	Map frames	12.00
2	The W. H. Houghton Manufacturing Co.	Cleaning carpet	4.14
2	Royce & Marean	Electrical supplies	769.53

100 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 2	E. J. Brooks & Co.	Stationery	\$35.78
2	D. C. Hibbard	Repairing gauge, etc.	4.00
2	Kohler Manufacturing Co.	Gum arabic	6.60
2	M. J. Wright, Jr.	Traveling expenses, August	4.00
2	Julius Edwards	Ice for July	5.42
2	George L. McDonald	Repairing telegraph line	8.50
2	Ginn & Co.	Subscription to American Meteorological Journal, July, 1893, to June 30, 1894.	112.50
2	C. A. Smith	Drayage, etc.	1.20
2	J. H. Hook	Services as cleaner, August	4.00
2	John Edwards	do	3.00
2	W. M. Case	Services, August	40.00
2	W. S. Gosnell	Services as cleaner, August	5.00
2	Thomas Reed	Repairing United States telegraph line	2.50
2	Will Van Duzer	Services, August	20.00
2	A. W. Stevens	Hauling	.75
2	C. F. Gregor	Services as cleaner, August	5.00
2	Andrews & Bayles	Labor and material	150.00
2	J. L. Stephens	do	30.00
2	Manhattan Supply Co.	Clocks	32.22
2	Yazoo and Mississippi Valley R. R. Co.	Transportation, E. C. Easton, Aug. 21	6.80
2	Steam Gauge and Lantern Co.	Lamps, etc.	388.50
2	Geo. Meier & Co.	Lithograph stones, etc.	47.85
2	Harry Murphy	Erecting halyards	12.00
2	Alpena Cedar Co.	Poles	6.25
2	Cleveland City Rwy. Co.	Street-car tickets, Aug. 1 to Dec. 31	9.00
4	Mayer & Co.	Pump	2.50
4	T. S. Autram	Traveling expenses, August	7.31
4	B. L. Waldron	do	13.50
4	J. L. Cottrell	Moving furniture	2.50
4	Jennie Pritchett	Services as cleaner, August	3.00
4	Enterprise Telegraph Co.	Telegraphing, July	2.00
4	Andrew Renz	Sharpening knives	3.00
12	John C. Parker	Stationery	1,481.00
12	Easton & Rupp	do	183.80
13	Robt. C. Orrell	Repairing United States telegraph line	3.00
13	Benj. P. Nickerson	do	12.00
13	Emma Ling	Services as cleaner, July 1 to Aug. 31	10.00
13	S. J. Lutz & Co.	Stove	15.00
13	Valentine Montoya	Services as cleaner, August	5.00
13	J. N. Applebaugh	Services for August	36.00
13	Jno. M. Klein	Repairing United States telegraph line	22.50
13	J. M. Coe	Ink, mincilage, etc.	5.00
13	J. E. Lanonet	Horse hire, etc.	3.50
13	Andrew McMaster	Erecting flagstaff	50.00
13	John Thomson	Railing on instrument shelter	28.22
13	Jackson & Bell	Labor and material	7.50
13	J. F. Newsom	Traveling expenses July and August	2.50
13	The Chesapeake and Ohio Rwy. Co.	Transportation, H. H. Kimball, July 31	17.00
13	G. N. Lysight	Traveling expenses, August	6.65
13	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegraphing, July	21.36
13	The Edison Mutual Telegraph Co.	do	8.54
13	Philadelphia, Reading and Pottsville Telegraph Co.	Telegraphing, July	3.63
13	Thomaston and Barnesville Telegraph Co.	do	1.90
13	East Tennessee, Virginia and Georgia Rwy.	do	.20
13	Joseph Donavill	Shelving	10.00
13	New England Telephone and Telegraph Co.	Telegraphing, July	1.20
13	Richard Titus	Services as cleaner, August	4.00
13	Thos. Robinson	Services, August	25.00
13	W. A. Hartel	Services, July	6.20
13	J. H. Mann	Copying books	142.25
13	Memphis Light and Power Co.	Electric current, August	5.00
13	E. S. Greeley & Co.	Electrical supplies	213.95
13	Great Northwestern Telegraph Co.	Telegraphing, July	120.17
13	The C. S. Hook Co.	Repairing stock	3.00
13	White & Dodson	Electric supplies	700.40
13	Norman B. Conger	Traveling expenses, September	8.00
13	do	Traveling expenses, August	24.60
13	Maine Central R. R. Co.	Transportation, E. P. Jones, July 17	8.50
13	Michigan Central R. R. Co.	Transportation, T. L. Bridges et al., July 21	29.75
13	Western Railway of Alabama	Transportation, W. M. Dudley, July 7	1.77

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 13	Pay roll, Cairo, Ill.	Substations, salaries, April 1 to June 30	\$37.00
13	Chicago, Burlington and Northern R. R. Co.	Telegraphing, July	1.78
13	D. A. Tower	Rubber bands, etc.	255.02
13	Chas. M. Stoever	Manila paper	54.50
13	The West Jersey Paper Manufacturing Co.	Wrapping paper	277.50
13	J. H. Thiemevers & Co.	Packing boxes	98.30
13	E. S. Greeley & Co.	Government brackets	35.00
13	J. T. Veeder	Repairing United States telegraph line	3.00
13	James Cameron	do	2.50
13	Simon Porter	Ladder	5.00
13	Henry Gennel & Co.	Clock oil	16.00
13	W. T. Weaver	Belt hooks, etc.	3.10
13	Chas. G. Stott & Co.	Twine	9.00
13	F. P. May & Co.	Screw-drivers	9.00
13	J. H. Chesley & Co.	do	28.75
13	The Voigt Manufacturing Jewelry Co.	Spectacles	3.50
13	Julien P. Friez	Barometer boxes	210.00
13	Wm. Ballantyne & Sons	Stationery	51.75
13	Andrew B. Graham	Electrotypes plates	41.40
16	W. J. Wambaugh	Traveling expenses, July	6.75
16	Philadelphia, Reading and Pottsville Telegraph Co.	Telegraphing, August	6.07
16	John C. Parker	Stationery	1,245.69
16	W. B. Moses & Sons	Mats	50.00
19	Thos. Somerville & Sons	Lead	1.40
19	Chas. T. Carter & Co.	Brooms, etc.	7.96
19	Wm. Ballantyne & Sons	Paper	21.08
19	C. B. Fenton & Co.	Recasting rollers, etc.	78.15
19	Newman & Son	Cyclostyle pens	27.50
19	H. J. Penrod	Traveling expenses, September	35.60
19	MacKellar, Smiths & Jordan Foundry.	Printers' supplies	103.12
19	Frederick Printing and Stationery Co.	Ink, mucilage, etc.	9.72
19	Geo. Dulling	do	7.55
19	Pettingill-Andrews Co.	Okenite wire	2.66
19	J. I. Franklin	Desk	14.75
19	Wm. B. Frazier & Co.	Repairing office chair	.75
19	Brown Printing Co.	Printing bulletins	5.00
19	Joseph A. Smith	Office rent, Idaho Falls, Idaho, August	30.00
20	Stephen Land	Labor and material	30.00
20	R. J. Hyatt	Drayage	1.35
20	Golding & Co.	Repairing knives, etc.	4.90
20	E. S. Greeley & Co.	Telegraphic supplies	63.60
20	D. C. Hibbard	Repairing United States telegraph line	18.25
20	Chicago Edison Co.	Electric lamps	15.00
20	G. B. McCoy	Telegraphing, August	6.00
20	Chas. Scribner's Sons	Books	9.00
20	Robert Pile	Labor and material	4.00
20	R. T. Morgan	Typewriter	90.00
20	Scribner-Libbey Co.	Repairing rain gauge	.50
20	Walter O. Luscombe	Repairing United States telegraph line	1.00
20	James Cameron	do	1.50
20	John J. Veeder	do	3.00
20	Charleston City Rwy. Co.	Street-car tickets	24.00
20	F. P. Chaffee	Traveling expenses, September	2.00
20	F. P. May & Co.	Hardware	137.98
20	J. D. Free, jr.	Milliographs	45.00
20	Frank Burke	Traveling expenses, September	7.75
20	F. W. Devoe & C. F. Reynolds Co.	Paint	2.00
20	M. Madigan	Repairing United States telegraph lines	7.50
20	A. J. Robbins	do	7.50
20	Robert Sherrard	Services as cleaner, August	3.00
20	H. J. Little	Services, August	28.00
20	H. P. Hardin	Services, Aug. 26 to Sept. 2	12.00
20	The Arctic Ice Co.	Ice, August	3.10
20	Theodore Thompson	Services, July 1 to Aug. 18	15.81
20	Gardiner & Worthen	Repairing rain gauge	2.50
21	Joe Coley	Repairing United States telegraph line	2.50
21	Delaware and Hudson Canal Co.	Transportation A. F. Sims, July 14	5.02
21	Asa Dosher	Traveling expenses, August	15.05
21	Wyoming Midland Telegraph Co.	Telegraphing, August	13.48
21	Ocean Towboat Line Telegraph.	do	30.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATAER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893. Sept. 21	Louisville and Nashville R. R. Co.	Transportation W. M. Dudley, July 3.....	\$11.35
21	T. S. Autram	Expenses, Sept. 8.....	1.00
21	P. F. Lyons	Expenses, Aug. 31.....	2.00
21	B. S. Pague	Traveling expenses, September.....	8.25
22	Max Wagner	Traveling expenses, August.....	6.20
22	Benj. R. Stuart	Traveling expenses, September.....	1.50
22	H. C. Bate	Traveling expenses, August.....	20.15
22	G. E. Lawton	do.....	6.30
22	Geo. Ryneal, Jr.	Brushes, etc.....	34.85
22	Church & Stephenson	Lumber.....	124.16
26	Norman B. Conger	Traveling expenses, August.....	20.80
26	S. Marks & Co.	Hauling.....	.75
26	The Edison Mutual Telegraph Co.	Telegraphing, August.....	7.34
26	E. R. Demain	Erecting flagstaff.....	2.00
26	Standard Thermometer Co.	Dial sheets.....	2.50
26	B. Granter	Repairing clock.....	2.00
26	Leon J. Glaenzer & Co.	Repairing thermograph.....	3.87
26	Pay roll, St. Louis, Mo	Substation salaries, July 1 to Sept. 15.....	38.50
26	U. G. Myers	Drayage.....	2.00
27	Richmond and Danville R. R. Co.	Freight charges, July 6.....	2.84
27	Geo. E. Hunt	Printing bulletins.....	6.00
27	Toilet Supply Co.	Toilet service, August.....	1.50
27	P. J. Bolton	Repairing clock.....	2.50
27	F. L. Graham	Labor, Sept. 7.....	.75
27	do	Expenses, September.....	3.25
27	Norman B. Conger	Freightage, etc.....	3.19
27	W. C. Shelton	Storage of crane.....	1.50
27	F. W. Williams	Hauling.....	2.00
27	P. F. Lyons	do.....	1.00
27	Foster Cornice and Metal Co.	Repairing rain gauge.....	2.00
27	G. H. Willson	Drayage.....	1.00
27	Olaiver Lorenzen	Repairing United States telegraph line.....	26.00
27	C. D. Brockway	do.....	26.00
27	John Fallon	do.....	26.00
27	Charles Edwards	do.....	25.00
27	John A. Barker	Services as cleaner, July 1 to Aug. 31.....	6.00
27	Frank McGill	Repairing United States telegraph line.....	8.00
27	James H. McCutcheon	do.....	8.00
27	G. W. Twiford	do.....	9.00
27	Geo. W. Summerfield	Drayage.....	.75
27	Geo. M. Dilley & Son	Castings, etc.....	3.00
27	Geo. B. Wurtz	Expenses, Sept. 17.....	.75
27	Pennsylvania Co.	Transportation G. N. Wilson, July 5.....	17.50
27	Yazoo & Mississippi Valley R. R. Co.	Transportation G. N. Lysight, Aug. 22.....	16.50
27	E. Drinkwater	Freight charges, July 5.....	10.50
27	Easton & Rupp	Stationery.....	75.55
28	David Arkin	Moving flagstaff.....	12.00
28	L. N. Jesunofsky	Freight and cartage.....	.95
28	Curphey & Mundy	River gauge.....	3.30
28	Christian Flogetod	Support for river gauge.....	2.50
28	Wm. Crossmyer	Repairing whirling apparatus.....	1.00
28	M. Wright	Expenses, September.....	1.00
28	Fred W. Decker	Repairing caligraph.....	1.50
28	Robert Mayer & Co.	Varnish, etc.....	77.65
28	J. M. Bateman	Ice, July 1 to Aug. 31.....	3.00
28	A. L. Johnson	Drayage.....	1.75
28	W. A. Joyce	Placing river gauge.....	2.25
28	R. B. Babington	Services, July 1 to Aug. 31.....	15.50
28	F. J. Walz	Traveling expenses, August.....	20.75
28	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegraphing, August.....	23.51
28	Enterprise Telegraph Co.	do.....	2.30
28	New England Telephone and Telegraph Co.	do.....	1.40
28	Chicago, Burlington and Northern R. R. Co.	do.....	1.16
28	Newport News and Mississippi Valley Co.	Telegraphing, July.....	2.60
28	Nathaniel R. Taylor	Expenses, September.....	3.00
28	Pennsylvania R. R. Co.	Freight charges, Aug. 7.....	4.84
28	do	Freight charges, July 31.....	.25
28	East Tennessee, Virginia and Georgia Rwy. Co.	Freight charges, Aug. 14.....	2.21
28	Steamer G. W. Danielson	do.....	8.55
28	Empire Line	Freight charges, Aug. 17.....	1.26
28	G. W. Wood	Services, July 1 to Aug. 31.....	15.50

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 103

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 28	J. H. Brown	Storage, July 1 to Aug. 31	\$4.00
28	Harry A. Sayles	Freightage, Aug. 9	39.52
28	H. J. Penrod	Services, Aug. 29 to Sept. 14	68.00
28	Samuel Springman	Hauling	10.31
30	Wm. M. Dudley	Drayage, etc.	8.17
30	G. A. Hoff	Matches, etc.	7.33
30	P. Connor	Street-car tickets	3.00
30	Ford A. Carpenter	Hauling .....	.50
30	C. E. Cosby	Services, July 1 to Aug. 31	10.00
30	American Express Co.	Express charges	1.20
30	H. F. Alciatore	Drayage .....	.75
30	L. Winters et al	Printing-office roll for September	1,877.40
30	Laura F. Hawkins	Salary for September	81.60
30	do	Salary for Aug. 30 and 31	5.43
30	Frank Farish	Salary for September	83.20
	Total first quarter		17,977.62
Oct. 2	Geo. W. Felger	Drayage	4.00
2	Toilet Supply Co	Toilet service, September	1.50
2	J. E. Denton	Moving instruments	7.00
2	Geo. S. Sylvester	Labor and material	2.40
2	Temple Farrington Co.	Matches, etc.	1.15
2	J. N. Barnard	Hauling .....	.75
2	Joseph Chilberg	Office rent, Olympia, Wash., August	26.50
2	J. Baumgarten & Son	Ink	12.50
3	Geo. Meier & Co	Lithographic stones	94.40
3	J. C. Entwistle	White rags	8.00
4	T. L. Bridges	Printers' supplies	1.90
4	Parker Bros	Desk and chairs	28.00
4	C. F. R. Wappenhaus	Cartage	1.00
4	Seattle Coal and Iron Co.	Coal	90.00
4	Burroughs & Vivion Bros	Mucilage and ink	2.90
4	C. F. Gregor	Services as cleaner, September	5.00
4	W. B. Mann	Matches .....	.60
4	A. Williams & Co	Mucilage and ink	4.70
4	Homer W. Styron	Office rent, Hatteras, N. C., July 1 to Sept. 30	38.62
4	D. S. Hutchinson	Office rent, Titusville, Fla., July 1 to Sept. 30	85.74
4	W. M. Case	Services, September	40.00
4	Edward W. Griffin	Services as cleaner, July 1 to Sept. 30	9.00
4	Fresno Loan and Savings Bank	Office rent, Fresno, Cal., July 1 to Sept. 30	100.00
4	Joseph Chilberg	Office rent, Olympia, Wash., September	26.50
4	Baer & Bloch	Office rent, Baker City, Oreg., July 1 to Sept. 30	87.50
4	E. H. Jamieson	Office rent, Spokane, Wash., July 1 to Sept. 30	64.20
4	Wallawalla Lodge, No. 56, I. O. O. F.	Office rent, North Platte, Nebr., July 1 to Sept. 30	84.87
4	The Columbian Building Co	Office rent, Topeka, Kans., July 1 to Sept. 30	87.50
4	B. J. Wolff	Office rent, Montrose, Colo., July 1 to Sept. 30	75.00
4	Chas. E. Bryant, receiver	Office rent, Huron, S. Dak., July 1 to Sept. 30	78.25
4	John H. Clune	Office rent, Cheboygan, Mich., July 1 to Sept. 30	44.00
4	H. C. Painter	Traveling expenses, September	4.65
4	W. J. Wambaugh	Expenses, July	21.75
4	John C. Parker	Stationery	226.38
4	St. Louis, Keokuk and Northwestern R. R. Co.	Transportation G. N. Lysight, Aug. 25	3.30
4	Rome, Watertown and Ogdensburg R. R. Co.	Transportation B. L. Waldron, Aug. 16	49.90
4	E. J. Brooks & Co	Twine	76.03
4	A. G. Burns	Traveling expenses, September	19.75
5	I. M. Cline	Drayage, etc.	1.85
5	E. H. Emery	Traveling expenses, September	7.55
5	Kate E. Reynolds	Services as cleaner, September	15.00
5	J. B. Lippincott Co	Mucilage	2.25
5	Samuel Hogarth	Erecting flagstaff, etc	25.00
5	E. M. Edwards	Labor, Sept. 18 to 21	25.00
5	Harry A. Sayles	Hardware	619.66
5	R. C. Orrell	Repairing United States telegraph line	3.00
5	A. J. Mulligan	Services, July 1 to Sept. 30	27.00
5	Benj. P. Nickerson	Repairing United States telegraph line	1.25
5	W. S. Gosnell	Services as cleaner, September	5.00
5	William Crawford	Office rent, Pysht, Wash., July 1 to Sept. 30	30.00
5	Puget Sound Cooperative Colony	Office rent, Port Angeles, Wash., July 1 to Sept. 30	59.00
5	C. B. Fenton & Co	Recasting rollers	18.75

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 5	Andrew Renz	Sharpening knives	\$3.00
5	Royce & Marean	Electrical supplies	592.40
5	C. Witmer & Co.	Stove polish, etc.	33.00
5	F. A. Schneider	Photographic plates, etc	13.80
5	J. H. Mills & Co.	Type	.75
5	Tschiffely & Evans	Glycerine, etc.	5.25
5	Wm. Ballantyne & Son	Books	10.00
5	Pay roll, Woods Holl, Mass.	Substation salaries, July 1 to Sept. 30	40.00
5	Pay roll, Wilmington, N. C.	do	48.00
5	do	do	128.80
5	Pay roll, Oswego, N. Y.	do	86.00
5	Pay roll, Jacksonville, Fla.	do	37.10
5	Charles Eneu Johnson & Co.	Ink	4.69
5	do	do	28.13
7	Pay roll, Savannah, Ga.	Substation salaries, July 1 to Sept. 30	285.40
7	Pay roll, New Haven, Conn.	do	76.50
7	Pay roll, Boston, Mass.	do	432.75
7	Tyree & Wilkins, attorneys	Office rent, Lynchburg, Va., July 1 to Sept. 30	67.50
7	R. S. Dodson	Office rent, Norfolk, Va., July 1 to Sept. 30	131.25
7	B. S. Pague	Expenses, Sept. 11 to 30	29.00
7	Julian P. Friez	Wind vanes	620.25
7	F. M. Brown & Co.	Office rent, New Haven, Conn., July 1 to Sept. 30	100.00
7	Portland Trust Co., of Oregon	Office rent, Portland, Oreg., July 1 to Sept. 30	150.00
7	S. Marks & Co.	Office rent, Roseburg, Oreg., July 1 to Sept. 30	75.50
7	Hanna S. Simmons	Office rent, Red Wing Minn., July 1 to Sept. 30	70.00
7	Melida Wilcke	Office rent, Manistee, Mich., July 1 to Oct. 9	61.69
7	C. M. Beeson	Office rent, Dodge City, Kans., July 1, to Sept. 30	97.91
7	Abbie S. Ingalls	Office rent, Indianapolis, Ind., July 1 to Sept. 30	90.95
9	W. W. Neifert	Traveling expenses, August	3.00
9	John Edwards	Services as cleaner, September	3.00
9	Thos. Robinson	Services, September	25.00
9	J. N. Ryke	Hauling	1.25
9	Troy Steam Laundry	Washing towels, July 1 to Sept. 30	1.50
9	Herman Drinkwater	Repairing United States telegraph line	20.00
9	B. H. Davis	Hire of team	3.00
9	Jennie Pritchett	Services as cleaner, September	3.00
9	R. J. Hyatt	Traveling expenses, September	11.25
9	Wm. A. Johnson	Services, July 1 to Sept. 30	30.00
9	Robert S. Smith	Repairing United States telegraph line	19.00
9	Cone & Kimball Co.	Office rent, Red Bluff, Colo., July 1 to Sept. 30	100.98
9	Catherine Wilson	Office rent, Los Angeles Cal., July 1 to Sept. 30	104.82
9	R. McLaughlin	Office rent, Jacksonville, Fla., July 1 to Sept. 30	78.05
9	E. F. Hallack	Office rent, Denver, Colo., July 1 to Sept. 30	150.00
9	Matt Borland	Office rent, Lander, Wyo., July 1 to Sept. 30	90.00
9	Paine Bros.	Office rent, Wallawalla, Wash., July 1 to Sept. 30	73.95
9	Davidson, Joseph agents	Office rent, Montgomery, Ala., July 1 to Sept. 30	81.25
9	H. H. Taylor, agent Mills building	Office rent, San Francisco, Cal., July 1 to Sept. 30	360.00
9	D. Horton	Office rent, Seattle, Wash., July 1 to Sept. 30	90.00
9	The Sedgwick Building Investment Co.	Office rent, Wichita, Kans., July 1 to Sept. 30	90.75
9	J. Pearson	Services, July 1 to Sept. 30	15.00
9	A. F. Kinsler	Washing towels, etc., July 1 to Sept. 30	5.50
9	Joseph Lawrence	Services, July 1 to Sept. 30	21.00
9	M. Cotter	Hire of team, etc.	40.45
9	Oregon Ice Company	Ice, July 1 to Sept. 30	6.90
9	Frank Burke	Expenses, September	29.00
10	H. Simpson	Construction of shed	25.00
10	J. H. Clune	Repairing roof, etc.	25.00
10	Wm. Downie	Painting instrument shelter, etc.	15.00
10	J. B. Murtha	Labor and material	40.00
10	Richard Titus	Services as cleaner, September	4.00
10	J. E. A. Harris	Services, July 1 to Sept. 30	15.00
10	City Gaslight Co. of Norfolk	Electric light, July 1 to Sept. 30	6.00
10	Edward Drinkwater	Coal, wood, etc.	107.25
10	W. S. Wells	Repairing roof, etc.	20.00
10	G. E. Lawton	Traveling expenses, Sept. 25	3.15

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 10	A. Swanson & Son	Labor and material	\$8.75
10	John R. Brown	Repairing United States telegraph line	28.00
10	Geo. T. W. Wells .....	..... do	28.00
10	John A. Rainy .....	..... do	48.00
10	Frank Mulligan .....	..... do	48.00
10	J. S. Sands .....	..... do	48.00
10	William Wilson .....	..... do	37.00
10	T. B. Catron	Office rent, Santa Fe, N. Mex., July 1 to Sept. 30.	105.00
10	Valentin Montoya	Services as cleaner, September	5.00
10	Grant Rivenburg	Ice, July 1 to Sept. 30	6.85
10	Campbell & Gregg	Towel supply, July 1 to Sept. 30	3.00
10	Will Van Duzer	Services, September	20.00
10	L. G. Nesmith	Office rent, San Diego, Cal., July 1 to Sept. 30.	120.00
10	Thomas Sweeney	Office rent, Rapid City, S. Dak., July 1 to Sept. 30.	100.76
10	Geo. French	Office rent, Corpus Christi, Tex., July 1 to Sept. 30.	86.37
10	F. E. Warren	Office rent, Cheyenne, Wyo., July 1 to Sept. 30.	91.90
10	Paul Wilson	Office rent, Pueblo, Colo., July 1 to Sept. 30.	84.00
10	American Exchange Bank	Office rent, Duluth, Minn., July 1 to Sept. 30.	114.47
10	Union Ice Co	Ice, July 1 to Sept. 30	6.85
10	Julien P. Friez	Repairing anemometers, etc	645.00
10	Pay roll, Narragansett Pier, R. I.	Substation salaries, July 1 to Sept. 30	60.00
10	Pay roll, Louisville, Ky. ....	..... do	18.40
10	Pay roll, St. Paul, Minn. ....	..... do	53.33
10	Pay roll, Lynchburg, Va. ....	..... do	30.00
10	United States Express Co.	Expressage, Aug. 12, etc.	5.35
10	J. Baumgarten & Sons	Ink	29.40
11	Rogers Printing Co	Typewriter paper	90.00
11	Southern Bell Telephone and Telegraph Co.	Rent of telephone, July 1 to Sept. 30	15.00
11	Savannah Board of Trade	Office rent, Savannah, Ga., July 1 to Sept. 30.	78.25
11	John L. Mitchell, executor	Office rent, Milwaukee, Wis., July 1 to Sept. 30.	163.75
11	A. P. Eagleston	Office rent, Vineyard Haven, Mass., July 1 to Sept. 30.	65.00
11	Chicago Auditorium Association	Office rent, Chicago, Ill., July 1 to Sept. 30.	172.57
11	First National Bank of Moorhead	Office rent, Moorhead, Minn., July 1 to Sept. 30.	66.31
11	Walker & Hall	Office rent, Meridian, Miss., July 1 to Sept. 30.	70.90
11	F. L. Jackson, agent	Office rent, Yankton, S. Dak., July 1 to Sept. 30.	75.00
11	James Baker	Office rent, Springfield, Mo., July 1 to Sept. 30.	68.75
11	Riley Watson	Office rent, Valentine, Nebr., July 1 to Sept. 30.	93.00
11	L. M. Apperson, administrator	Office rent, Little Rock, Ark., July 1 to Sept. 30.	104.55
11	Margaret Parmentier	Office rent, Green Bay, Wis., July 1 to Sept. 30.	75.00
11	John and Wm. L. McCague	Office rent, Omaha, Nebr., July 1 to Sept. 30.	168.75
11	B. S. Williams	Office rent, Concordia, Kans., July 1 to Sept. 30.	66.00
11	H. Overholser	Office rent, Oklahoma City, Okla., July 1 to Sept. 30.	101.75
11	First National Bank of Bismarck	Office rent, Bismarck, N. Dak., July 1 to Sept. 30.	105.00
11	H. H. Buhne	Office rent, Eureka, Cal., July 1 to Sept. 30.	72.41
11	Broadwater & Pepin	Office rent, Havre, Mont., July 1 to Sept. 30.	90.00
11	W. L., R. A. and E. H. Andres	Office rent, Grand Haven, Mich., July 1 to Sept. 30.	59.32
11	First National Bank of Palestine	Office rent, Palestine, Tex., July 1 to Sept. 30.	78.50
11	P. Laveaga, county treasurer	Office rent, Winnemucca, Nev., July 1 to Sept. 30.	67.00
11	Kearney Opera House Co.	Office rent, Kearney, Nebr., July 1 to Sept. 30.	75.00
11	J. C. De Lany	Office rent, Fort Stanton, N. Mex., July 1 to Sept. 30.	120.00
11	P. M. De Witt	Office rent, Abilene, Tex., July 1 to Sept. 30.	100.62
11	Oregon Telephone and Telegraph Co.	Rent of telephone, July 1 to Sept. 30	22.50
11	Southern Bell Telephone and Telegraph Co. ....	..... do	15.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 11	Sunset Telephone and Telegraph Co.	Rent of telephone, July 1 to Sept. 30.....	\$15.00
11	Northwestern Telephone Exchange Co.	....do.....	14.18
11	J. W. Thompson .....	....do.....	15.00
11	Southern Bell Telephone and Telegraph Co.	Telephone service, July 1 to Sept. 30.....	15.00
11	City and Suburban Telegraph Association.	....do.....	25.00
11	New York and Pennsylvania Telephone and Telegraph Co.	....do.....	6.00
11	Southern New England Telephone Co.	....do.....	15.00
11	Great Northwestern Telegraph Co.	Telegraphing, August	115.08
11	Great Southern Telephone and Telegraph Co.	Telephone service, July 1 to Sept. 30.....	25.00
11	Empire State Telephone and Telegraph Co.	....do.....	28.50
11	Duluth Telephone Co.	....do.....	15.00
11	Pacific Telephone and Telegraph Co.	....do.....	22.50
11	Bell Telephone Co., of Philadelphia.	....do.....	30.00
11	Black Hills Telephone and Telegraph Co.	....do.....	21.00
11	E. S. Greeley and Co	Electrical supplies	154.90
11	Easton & Rupp	Envelopes .....	.95
11	F. H. Clarke	Traveling expenses, October	10.30
11	Tschiffely & Evans	Corks	2.13
11	Case, King & Woditzki	Brooms .....	.70
11	Norman B. Conger	Expenses, September	6.00
11	John H. Clery	Traveling expenses, September	10.25
11	Baltimore and Ohio R. R. Co	Transportation, H. J. Penrod, Aug. 29	6.50
12	Henry Siegel	Drayage	1.50
12	Lehigh Valley R. R. Co	Transportation, H. J. Penrod, Sept. 9	11.20
12	W. L. Moore	Drayage	1.00
12	Bell Telephone Co., of Buffalo	Rent of telephone, July 1 to Sept. 30	17.50
12	Norfolk and Washington Steamboat Co.	Freight charges, Aug. 25	4.12
12	Morris European and American Express Co.	Freight charges, July 6	7.50
12	Adams Express Co	Freight charges, August	14.80
12	Ilwaco Railway and Navigation Co.	Freight charges, Aug. 23 .....	.24
12	Alfred C. Cass	Coal	75.00
12	Moss & Bentley	Mucilage and ink	1.70
12	W. J. Tate	Corn	12.00
12	Neuner & Co	Binding maps	12.50
12	John Fleming	Stereotyping paper	4.00
12	Megeath Stationery Co	Printing bulletins	8.00
12	Reservoir Ice Co	Ice, July 1 to Sept. 30	6.00
12	P. Connor	Street-car tickets	2.60
12	J. W. Smith	Expressage	1.90
12	Pay roll, Shreveport, La	Substation salaries, July 1 to Sept. 30	27.20
12	Pay roll, Kansas City, Mo .....	....do.....	35.25
12	E. J. Gifford	Services, July 1 to September 20	23.00
12	C. E. Denton	Repairing clock	2.00
12	J. V. Beyer	Cleaning carpet, etc.	11.32
12	Albert Marty	Office rent, Kansas City, Mo., July 1 to Sept. 30	169.49
12	Chamber of Commerce Building Co.	Office rent, St. Paul, Minn., July 1 to Sept. 30	75.21
12	Cotton Exchange Building Co.	Office rent, Memphis, Tenn., July 1 to Sept. 30	120.00
12	M. E. Conway	Office rent, Narragansett Pier, R. I., July 1 to Sept. 30	37.74
12	Weakley & Shields, agents	Office rent, Nashville, Tenn., July 1 to Sept. 30	112.50
12	Amarillo Improvement Co	Office rent, Amarillo, Tex., July 1 to Sept. 30	51.75
12	Alamo Fire Insurance Co.	Office rent, San Antonio, Tex., July 1 to Sept. 30	75.00
12	Frances E. Lesslie	Office rent, Colorado Springs, Colo., July 1 to Sept. 30	75.00
12	Pennsylvania Telephone Co	Rent of telephone, July 1 to Sept. 30	21.00
12	Delaware and Atlantic Telegraph and Telephone Co. ....	....do.....	12.00
12	Nebraska Telephone Co .....	....do.....	15.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893. Oct. 12	Great Southern Telegraph and Telephone Co.	Rent of telephone, July 1 to Sept. 30.....	\$15.00
12	Chicago Telephone Co.	..... do	31.25
12	Telephone and Telegraph Construction Co.	..... do	21.68
12	Southern Bell Telephone and Telegraph Co.	..... do	16.00
12	The Ohio Valley Telephone Co.	..... do	18.00
12	East Tennessee Telephone Co.	Telephone exchange service, July 1 to Sept. 30.....	15.00
12	Missouri and Kansas Telephone Co.	..... do	12.00
12	Hudson River Telephone Co.	..... do	15.00
13	J. F. Trine	Hauling.....	2.50
13	D. B. Fotheringham	Erecting instrument support.....	15.00
13	Buffalo Board of Trade	Office rent, Buffalo, N.Y., July 1 to Sept. 30.....	145.06
13	New England Telephone and Telegraph Co.	Rent of telephone, July 1 to Sept. 30.....	12.50
13	Northwestern Telephone Exchange Co.	Telephone service, July 1 to Sept. 30.....	18.00
13	A. E. Thompson	Services, July 1 to Sept. 30.....	23.00
13	Pay roll, Memphis, Tenn.	Substation salaries, July 1 to Sept. 30	289.80
13	Pay roll, Raleigh, N.C.	..... do	111.90
13	Pay roll, St. Louis, Mo.	..... do	237.50
13	Pay roll, Little Rock, Ark.	..... do	204.60
13	W. S. Nichols	Provisions for Pike's Peak.....	304.01
18	Chesapeake, Ohio and Southwestern R.R. Co.	Telegraphing, August.....	2.70
18	E. A. Clarke & Co.	Office rent, Tampa, Fla., July 1 to Sept. 30.....	77.82
18	J. W. Branan	Services, July 1 to Sept. 30	15.00
18	Robert Sherrard	Services as cleaner, July 1 to Sept. 30	3.00
18	W. H. Wood	Office rent, Sacramento, Cal., July 1 to Sept. 30.....	75.00
18	Henry L. Kenyon	Desk room, Northfield, Vt., July 1 to Sept. 30.....	6.00
18	James Evans	Services as cleaner, July 1 to Sept. 30	9.00
18	Masonic Temple Association	Office rent, Davenport, Iowa, July 1 to Sept. 30.....	75.00
18	W. T. Blythe	Traveling expenses, September.....	7.75
18	Geo. W. Williams	Office rent, Charleston, S. C., July 1 to Sept. 30.....	117.93
18	S. A. Raymond, agent	Office rent, Cleveland, Ohio, July 1 to Sept. 30.....	175.00
19	Pay roll, Chattanooga, Tenn.	Substation salaries, July 1 to Sept. 30	100.80
19	Pay roll, Lacrosse, Wis.	..... do	18.40
19	Pay roll, New Orleans, La.	..... do	242.55
19	Pay roll, Augusta, Ga.	..... do	162.60
19	Pay roll, Vicksburg, Miss.	..... do	172.80
19	Pay roll, New Orleans, La.	..... do	346.20
19	Pay roll, Montgomery, Ala.	..... do	365.60
19	Pay roll, Washington, D.C.	..... do	42.60
19	Salt Lake Board of Trade	Office rent, Salt Lake City, Utah, July 1 to Sept. 30.....	137.50
19	The Stock Growers' National Bank.	Office rent, Miles City, Mont., July 1 to Sept. 30.....	54.00
19	Lucius M. Sheldon	Office rent, El Paso, Tex., July 1 to Sept. 30.....	84.42
19	Annie M. McGovern	Office rent, Keeler, Cal., July 1 to Sept. 30.....	85.91
19	Joseph A. Smith	Office rent, Idaho Falls, Idaho, September.....	30.00
19	Pythian Land and Building Association.	Office rent, Astoria, Oreg., July 1 to Sept. 30.....	75.25
19	George S. Waite	Office rent, Key West, Fla., July 1 to Sept. 30.....	103.86
19	P. H. Seewald	Repairing clock	2.00
19	Henry J. Green	Thermometers	300.00
19	E. C. Easton	Drayage	2.25
19	McKellar, Smiths & Jordan Foundry.	Counting machine	9.00
19	Chas. H. Mullin, treasurer	Chart paper	115.50
19	Charles Scribner Sons	Books	9.00
19	W. C. Shelton	Storage	1.50
19	Broadwater & Pepin	Ice, etc.....	9.95
19	Wm. J. Dornbrosky	Dotting pen .....	.50
19	H. A. Hill	Matches, oil	1.50
19	Kehse & Bradley	Labor and material	45.00
19	Memphis Light and Power Co.	Electric current, September	6.24
19	Wm. E. Worth & Co.	Ice, July 1 to Sept. 30	18.40
19	C. E. Brown	..... do	7.36
19	Astoria Gaslight Co.	Gas, July 1 to Sept. 30	4.20
19	David James	Cleaning river gauge	3.00
19	Chas. T. Carter & Co.	Soap, etc.....	63.00
19	Jno. R. Brown	Repairing United States telegraph line	22.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 19	R. S. Smith	Repairing United States telegraph line	\$13.00
19	Homer J. Hart	do	13.00
19	G. T. W. Wells	do	22.00
19	Frank Bianchi	Services as cleaner, July 1 to Sept. 30	9.00
19	James Higgins	do	15.00
19	J. R. Hawkins	do	4.50
19	Indian River Steamboat Co	Transportation, H. P. Hardin, Sept. 6	3.20
19	Pennsylvania R. R. Co	Transportation, J. W. Smith et al., Aug. 23	46.63
19	Chicago, St. Paul, Minneapolis and Omaha Rwy Co.	Transportation, P. Daniels, July 22	11.05
19	G. B. McCoy	Services, September	6.00
19	Great Southern Telephone and Telegraph Co.	Telegraphing, July 1 to Sept. 30	22.80
19	East Louisiana R. R. Co.	do	9.20
19	Ocean Towboat Lines Telegraph.	Telegraphing, September	30.00
19	Lenoir and Blowing Rock Telegraph Co.	Telegraphing, July 1 to Sept. 30	6.80
19	Philadelphia, Reading and Pottsville Telegraph Co.	Telegraphing, September	7.91
19	Southern New England Telephone Co.	Rent of telephone, July 1 to Sept. 30	31.25
19	Cumberland Telephone and Telegraph Co.	Telegraphing, July 1 to Sept. 30	47.65
19	Telephone and Telegraph Construction Co.	do	10.00
19	Bell Telephone Co. of Missouri.	Telephone service, July 1 to Sept. 30	16.25
19	Southern Bell Telephone and Telegraph Co.	Rent of telephone, July 1 to Sept. 30	15.00
19	Cleveland Telephone Co.	do	18.00
19	Frank Perry	Telephoning, July 1 to Sept. 30	14.00
19	Wisconsin Telephone Co.	Rent of telephone, July 1 to Sept. 30	12.00
19	Pay roll, Charleston, S. C.	Substation salaries, July 1 to Sept. 30	258.80
19	Pay roll, Corpus Christi, Tex.	do	69.00
19	Pay roll, Augusta, Ga.	do	27.60
19	Pay roll, Portland, Me.	do	75.00
19	Pay roll, Milwaukee, Wis.	do	300.00
19	Pay roll, Cairo, Ill.	do	226.60
19	Pacific Club	Office rent, Nantucket, Mass., July 1 to Sept. 30	76.50
19	Lorenzo Littlefield	Office rent, Block Island, R. I., July 1 to Sept. 30	42.50
19	First National Bank of Portland, Me.	Office rent, Portland, Me., July 1 to Sept. 30	126.00
19	A. E. Hackett	Traveling expenses, September and October.	7.55
19	The Standard Engraving Co.	Engraving	4.75
19	L. N. Jesunofsky	Hauling	1.45
19	McCormick & Bates	do	1.00
19	W. C. Stark	Grates for stove, etc.	5.25
19	Charles C. Hayman	Services as cleaner, July 1 to Sept. 30	7.50
19	Samuel de Corse	do	14.25
19	New England Telephone and Telegraph Co.	Telephone service, July 1 to Sept. 30	12.50
19	do	do	12.50
19	C. E. Persons	Services, September	10.00
19	Chas. Shea	Services, July 1 to Sept. 30	30.00
19	H. J. Little	Services, Sept. 7 to 8	5.25
19	C. C. Allen	Services, Sept. 22 to 30	1.50
19	Amasa S. Dyer	Services, July 1 to Sept. 30	30.00
19	E. Biondi	do	30.00
19	J. N. Applebaugh	Services, September	36.00
19	John Fallon	Repairing United States telegraph line	50.00
19	C. D. Brockway	do	50.00
19	William H. H. Smith	do	6.00
19	James H. McCutchen	do	40.00
19	Olaiver Lorenzen	do	13.00
19	M. W. Etheridge	Ferrying	7.00
20	Louisville and Nashville R. R. Co.	Transportation, H. C. Bate, Aug. 23	12.50
20	C. E. Haynes	Services as cleaner, July 1 to Sept. 30	15.00
20	Thos. Cleary	Ice, July 1 to Sept. 30	6.20
20	Ohio and Mississippi Rwy	Freight charges, Aug. 14 .....	.67
20	James Courtney	Washing towels, July 1 to Sept. 30	5.25
20	E. McKenzie	Services, September	10.00
20	Thos. Cleary	Services as cleaner, July 1 to Sept. 30	9.00
20	E. Morrison Paper Co.	Pens	41.00
20	C. B. Fenton & Co.	Recasting rollers	31.25
20	F. T. Williams	Hauling	3.30
20	H. F. Alciatore	do .....	.30

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893. Oct. 20	Bohlen Huse Machine and Lake Ice Co.	Ice, July 1 to Sept. 30	\$6.85
20	Homer J. Hart	Repairing United States telegraph line	38.00
20	J. R. Clinton	do	8.75
20	Charles Edwards	do	34.00
20	Charles A. Kimball	Services, July 1 to Sept. 30	15.00
20	H. M. Knowles	Services, Aug. 18 to 26	8.00
20	Charles R. Wheeler	Office rent, Columbus, Ohio, July 1 to Sept. 30	125.00
20	Montana National Bank	Office rent, Helena, Mont., July 1 to Sept. 30	125.00
20	Staples & Pelan	Office rent, Dubuque, Iowa, July 1 to Sept. 30	57.12
20	National Bank of Commerce	Office rent, Pierre, S. Dak., July 1 to Sept. 30	112.00
20	Pay roll, Erie, Pa	Substation salaries, July 1 to Sept. 30	60.00
20	Pay roll, Harrisburg, Pa	do	99.50
20	Wisconsin Telephone Co	Rent of telephone, July 1 to Sept. 30	25.00
20	Rising Sun Telegraph Line	Telegraphing, July 1 to Sept. 30	4.10
20	New England Telephone and Telegraph Co	Telegraphing, September	1.80
20	Great Southern Telephone and Telegraph Co	Rent of telephone, July 1 to Sept. 30	15.00
20	Natchitoches and People's Tel- egraph Line	Telegraphing, July 1 to Sept. 30	45.00
20	Sunset Telephone and Tel- egraph Co	Rent of telephone, July 1 to Sept. 30	12.00
20	Atlantic Telephone Exchange	do	17.00
20	Southern Bell Telephone and Telegraph Co	Telephone exchange service, July 1 to Sept. 30	15.00
21	Pay roll, Cincinnati, Ohio	Substation salaries, July 1 to Sept. 30	343.75
21	Pay roll, Pittsburgh, Pa	do	435.85
21	Pay roll, Galveston, Tex	do	284.00
21	Bryant, McEachin & Luce	Office rent, Fort Smith, Ark., July 1 to Sept. 30	90.41
21	Henry Bolton	Office rent, Alpena, Mich., July 1 to Sept. 30	52.84
21	First National Bank	Office rent, Sault Ste. Marie, Mich., July 1 to Sept. 30	85.75
21	Chas. Cooper & Co	Ammonia	5.50
21	People's Mammoth Inst. Co	Water cooler	2.00
21	F. T. Williams	Traveling expenses, September	5.24
21	Norman B. Conger	Traveling expenses, October	3.75
21	Julien P. Friez	Supports for electric recorder	18.75
21	R. B. Sarber	Services, July 1 to Aug. 31	10.75
21	Old Colony Steamboat Co	Transportation, M. Wagner, Aug. 30	4.15
25	J. M. Gallagher	Services, July 1 to Sept. 30	15.00
25	George E. Franklin	Hauling, etc. ....	.80
25	Harry A. Sayles	do	6.00
25	A. S. Aloe & Co	Repairing rain gauge	1.00
25	Manitou and Pikes Peak Rwy. Co	Freight, etc.	171.49
25	Louisville Towel Supply Co	Towels, etc., Aug. 1 to Sept. 30	2.00
25	John L. Sheldon	Lining stove	2.50
25	Emmons Bros. Hardware Co	Carbon oil, etc.	4.40
25	A. W. Stevens	Hauling	1.00
25	Anna L. Bean	Services, July 1 to Sept. 30	9.20
25	Pacific Coast Steamship Co	Freightage	2.57
25	Thomas Roti	Services, Sept. 27	3.50
25	D. J. Young	Rent of telephone, July 1 to Sept. 30	9.75
25	W. H. Renear	Repairing United States telegraph line	20.60
25	Telephone and Telegraph Con- struction Co	Rent of telephone, July 1 to Sept. 30	9.46
25	A. Schneider	Office rent, Fort Buford, S. Dak., July 1 to Sept. 30	45.00
25	Central Union Telegraph Co	Rent of telephone, July 1 to Sept. 30	81.00
25	Missouri and Kansas Telephone Co	Telephone exchange service, July 1 to Sept. 30	18.00
25	W. R. Perry	Coal	56.00
25	George A. Barrett	Stove pipe	1.80
25	G. N. Isaacson	Removing trees	2.50
25	Yuma Water and Light Co	Water, July 1 to Sept. 30	9.00
25	Ewing & Townsend	Ice, July 1 to Sept. 30	18.40
25	Levy & Co	Oil, etc.	8.50
25	Iowa Union Telephone Co	Rent of telephone, July 1 to Sept. 30	12.00
25	Sol Benjamin, manager	Ice, July 1 to Sept. 30	5.52
25	S. W. Postell	Printing	64.00
25	B. S. White	Repairing letterpress	2.50
25	Brown & Piper	Shovel, etc. ....	.95
25	Leon J. Glaenzer & Co	Hygrometer sheets	5.60

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
Oct. 25	Elias H. Swett	Repairing United States telegraph line	\$1.50
25	R. M. Mansford, incorporated	Mucilage, etc.	9.30
25	C. Endress & Sons	Telephoning, July 1 to Sept. 30	5.00
25	Pascual Moreno	Services as cleaner, July 1 to Sept. 30	6.00
25	A. J. Robbins	Repairing United States telegraph line	2.50
25	Wm. T. Butz	Services, July 1 to Sept. 30	7.70
25	Baumgartner & Kleig	Coal	18.00
25	Real Estate and Law Building Co.	Office rent, July 1 to Sept. 30	45.49
25	Galveston Cotton Exchange	do	78.25
25	Southwestern Telegraph and Telephone Co.	Tel- phone exchange service, July 1 to Sept. 30	12.00
25	Geo. Ryneal, jr	Lamp chimineys	3.50
25	Samuel Springmann	Drayage	10.27
25	J. C. Entwistle	Engraving	10.00
25	Wm. Ballantyne & Sons	Paper	119.00
25	J. D. Free	Milliographs	24.00
28	Geo. Ryneal, jr	Brushes	3.75
31	L. Winters et al	Printing office roll for October	1,911.40
31	Laura F. Hawkins	Salary for October	84.20
31	Franck Farish	do	83.20
Nov. 2	I. G. Gardiner	Traveling expenses, September	3.00
2	Charles Kurth	Repairing wind vane	5.00
2	H. C. Frankenfield	Washing towels, July 1 to Sept. 30	3.50
2	White & Dodson	Awning hooks	8.58
2	C. D. Sawyers	Coal and wood	30.50
2	Wetmore & Gladmin	Ice, Aug. 1 to Oct. 17	17.60
2	Pittsboro Telegraph Line	Telegraphing, July 1 to Sept. 30	8.00
2	S. F. Typewriter Exchange	Repairing typewriter	10.00
2	Strickland Printing Co.	Printing bulletins	11.00
2	Milbridge and Cherryfield Telegraph Co.	Telegraphing, Aug. 1 to Sept. 30	2.90
2	Park Morrill	Repairing cyclotype pen	5.05
2	T. W. Howell	Construction of river gauge	25.00
2	C. L. Babcock	Repairing stove	3.50
2	A. Schenck	Painting river gauge	2.50
2	E. H. Day	Repairing office clocks	3.00
2	R. A. Negus	Stovepipe	3.75
2	J. A. Lewis	Repairing fence	15.00
2	C. T. Shuler	Repairing river gauge	8.00
2	Philadelphia and Reading R. R. Co.	Transportation, W. T. Blythe, Sept. 28	1.25
2	Central R. R. Co. of New Jersey	Transportation, B. A. Blundon, Sept. 8	6.50
2	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegraphing, September	14.19
2	Anchor Line	Freightage	2.90
2	Leon J. Glaenzer & Co.	Barographs, etc.	682.50
2	Boston and Maine R. R. Co.	Freightage	1.23
2	S. W. Postell	Printing bulletins	16.50
2	E. F. Gordon	Repairing clock	1.25
2	J. C. Palmountain	do	1.50
2	Pay roll, Davenport, Iowa	Substation salaries, July 1 to Sept. 30	35.00
2	Pay roll, Nashville, Tenn.	do	39.80
2	Pay roll, Chicago, Ill.	do	270.52
3	The Edison Mutual Telegraph Co.	Telegraphing, September	13.80
3	Erie Telegraph and Telephone Co.	Telephone exchange service, July 1 to Sept. 30	12.00
3	John C. Parker	Penholders	10.63
3	The Standard Engraving Co.	Stereotyping, etc.	23.80
3	Wm. Ballantyne & Sons	Stationery	151.00
3	Northern Pacific R. R. Co.	Transportation, H. C. Bate, Aug. 25	22.10
3	A. J. Schenck	Telegraphing, July 1 to Sept. 30	7.41
3	Old Colony R. R. Co.	Freightage	.90
3	Boston and Albany R. R. Co.	Transportation, H. J. Penrod, Sept. 6	10.65
3	Missouri and Kansas Telephone Co.	Rent of telephone, July 1 to Sept. 30	21.00
3	R. J. Hyatt	Drayage	1.50
3	T. S. Outram	do	.50
3	Chas. Hubbardson & Co.	Varnish, etc.	3.43
3	Pennsylvania Co.	Transportation, F. J. Randolph, July 29	17.50
3	Stoddard and Daniels	Repairs to typewriter	1.25
3	J. C. Cammer	Services, July 19 to Oct. 18	15.00
3	Martin Johnson	Erection of flagstaff	30.00
3	H. W. Johnson	Erecting wind vane	6.00
6	The Standard Engraving Co.	Engraving	9.30
6	Wm. Ballantyne & Sons	Paper	144.02
6	John C. Parker	Stationery	1,230.50
6	Royce & Marean	Rubber	1.80
6	Frank Burke	Lodging and meals, October	46.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 6	F. H. Clarke	Lodging and meals, October	\$41.25
6	O. D. Stewart	Traveling expenses, October	2.00
6	do	do	3.45
6	R. J. Hyatt	Meals and lodging, October	45.00
6	H. H. Kimball	Traveling expenses, October	8.25
7	Brown Printing Co.	Printing bulletins	4.00
7	do	do	3.00
7	John Ryan Foundry	Type	52.76
7	Rome, Watertown and Ogdensburg R. R.	Transportation, N. R. Taylor, Sept. 16	2.30
7	J. E. Lanouette	Erecting wind vane	4.35
7	L. Hines	Services July 1 to Sept. 30	9.20
7	W. B. Stockman	Drayage, etc.	4.40
7	Ray & Day	Repairing tin roof	2.33
7	F. P. Miller	Filing case, etc	22.00
7	G. L. Turner	Hauling	1.00
7	P. J. Brunker, jr.	Repairing caligraph	3.50
7	A. A. Day	Repairing telegraph line	9.50
7	C. F. Gregor	Services as cleaner, October	5.00
7	J. R. Clinton	Repairing United States telegrph line	97.50
7	Thos. Roti	do	197.00
7	W. J. Tate	Feed	26.25
7	W. S. Gosnell	Services as cleaner, October	5.00
7	W. M. Case	Services for October	40.00
7	John J. Veeder	Repairing United States telegraph line	3.00
7	G. T. Reidy	Ice, etc.	16.60
7	John Edwards	Services as cleaner, October	3.00
7	B. S. Pague	Meals and lodging, October	41.17
7	John C. Parker	Envelopes	31.00
7	F. T. Williams	Traveling expenses, September	21.20
7	W. L. Moore	Drayage	1.50
7	L. M. Pindell	do	2.25
7	J. W. Bauer	Traveling expenses, October	12.05
7	A. E. Hackett	do	4.50
7	Benjamin P. Nickerson	Erecting telegraph poles	112.50
8	Wyoming Midland Telegraph Co.	Telegraphing, September	13.35
8	Great Northwestern Telegraph Co. of Canada	do	118.59
8	Telephone and Telegraph Construction Co.	Rent of telephone Aug. 21 to Sept. 30	5.42
8	Central District and Printing Telegraph Co.	Telephone exchange service, July 1 to Sep 30	15.00
8	do	do	12.50
8	Russell & Irwin	Labor and material	2.50
8	R. A. Johnson	Ice, Sept. 1 to Oct. 31	6.10
8	Union Ice Co.	Ice, July 1 to Sept. 30	3.00
8	Kohler Manufacturing Co.	Ink	640.20
8	Brush Electric Light and Power Co.	Electric lights, July 1 to Sept. 30	13.75
8	H. H. Stafford, Son & Co	Mucilage and ink	4.50
8	T. W. McClelland Co.	Halyard for flagstaff	5.25
8	A. C. McMillin	Services, July 1 to Sept. 30	30.00
8	Erastus Huntington	Services, September	5.00
8	W. T. Nicholson	Binding maps	2.50
8	Elias Mason	Collecting bulletin frames, etc	2.00
8	Eugene M. Walters	Hauling	11.25
8	Geo. W. Summerfield	do	.75
8	W. M. Wilson	do	3.25
8	John Schlotzman	do	1.50
8	Richard Titus	Services as cleaner, October	4.00
8	Haley Grocery Co.	Provisions for Tatoosh Island, Wash	21.33
8	John M. Temple	Mucilage, ink, etc.	3.04
8	Vernon H. Harris	Office rent, Micco, Fla., July 1 to Sept. 30	16.25
8	Atlantic Coast Line	Transportation, F. P. Choffee, Sept. 10	11.95
8	Michigan Central R. R. Co	Transportation, J. H. Clery, Sept. 29	12.15
8	E. Drinkwater	Freight charges, Sept. 12	21.04
8	Pennsylvania R. R. Co.	Freight charges, Oct. 3	.38
8	Vandalia Line	Freight charges, Aug. 25	7.47
8	Star Union Line	Freight charges, Oct. 3	.62
8	do	Freight charges, Aug. 29	3.10
8	do	Freight charges, Sept. 7	3.13
8	Northeastern R. R. Co.	Freight charges, Sept. 29	2.25
8	New York Central and Hudson River R. R. Co.	Freight charges, Aug. 25	1.69
8	Chicago and West Michigan Rwy. Co.	Freight charges, Sept. 14	2.44
8	Fremont, Elkhorn and Missouri Valley R. R. Co.	Freight charges, Aug. 8	1.93
8	Anchor Line	Freight charges, Sept. 1	2.06

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 8	Ohio and Mississippi Rwy -----	Freight charges, Aug. 17 -----	\$21.00
8	Chicago and Northwestern Rwy. Co.	Freight charges, Aug. 2 -----	.12
11	John C. Parker -----	Blank books, etc. -----	135.50
11	J. C. Entwistle -----	White rags -----	8.00
14	P. Connor -----	Street car tickets -----	2.60
14	Pay roll, Atlanta, Ga -----	Substation salaries, July 1 to Sept. 30 -----	390.20
14	T. J. Tillet -----	Repairing United States telegraph line -----	14.00
14	T. S. Outram -----	Traveling expenses, October -----	2.25
14	Jas. A. Barry -----	Hauling, etc. -----	4.02
14	R. O. Lazenby -----	do -----	1.00
14	Normon B. Conger -----	Traveling expenses, October -----	28.54
14	Thos. Robinson -----	Services, October -----	25.00
14	John J. Mulligan -----	Labor and material -----	2.50
14	Mary V. E. Pritchett -----	Services as cleaner, October -----	3.00
14	John H. Clery -----	Traveling expenses, October -----	11.40
14	J. N. Applebaugh -----	Services, October -----	36.00
14	J. A. Topping -----	Printing bulletins -----	56.00
14	Will Van Duzer -----	Services, October -----	20.00
14	Memphis Light and Power Co. -----	Electric current, October -----	6.58
14	Toilet Supply Co. -----	Toilet service, October -----	1.50
14	Frank Burke -----	Meals and lodging, November -----	5.63
17	Joseph A. Smith -----	Office rent, Idaho Falls, Idaho, October -----	30.00
17	A. Schneider -----	Office rent, Fort Buford, N. Dak., October -----	15.00
17	Emma Ling -----	Services as cleaner, Sept. 1 to Oct. 31 -----	10.00
17	Robert Sherrard -----	Services as cleaner, October -----	3.00
17	Elizabeth H. Hobbs -----	do -----	9.00
17	Valentine Montoya -----	do -----	5.00
17	Herman Baumgarten -----	Aniline ink -----	24.00
17	A. M. Schweich -----	Hauling -----	.50
17	D. W. Morse -----	Mineral oil -----	4.50
17	C. D. Brockway -----	Wood -----	24.00
17	C. W. Ling -----	Repairing office chair, etc. -----	1.00
17	Joseph T. Perry -----	Repairing roof -----	5.00
17	Samuel B. Smith -----	Repairing instrument shelter -----	5.65
17	Edward J. Cottle -----	Hardware -----	4.85
17	C. E. Schneider -----	Battery stand -----	20.00
17	Isaac W. Brewer -----	Traveling expenses, November -----	2.00
17	Wm. Cameron -----	Buckets, etc. -----	1.80
17	Math. Ribyn -----	Labor and material -----	15.00
17	George Hill -----	Painting -----	5.00
17	John A. Ubsdell -----	Labor and material -----	18.41
17	H. B. Dick -----	Traveling expenses, October -----	46.75
17	W. H. Gaskins -----	Repairing United States telegraph line -----	2.00
17	Chesapeake & Ohio Railway Co. -----	Transportation, F. Burke, Sept. 7 -----	16.00
17	International & Great North- ern R. R. Co. -----	Transportation, M. Wright et al., Sept. 15 -----	10.40
17	Henry Gaze & Sons -----	Transportation, M. W. Harrington, Oct. 26 -----	30.60
17	The Montrose Furniture Co. -----	Hauling -----	42.00
17	Ocean Tow Boat Lines Tele- graph Co. -----	Telegraphing, October -----	30.00
17	A. Rice -----	Services, October -----	7.75
17	H. H. Lawes -----	do -----	20.00
18	William Frizzell -----	Coal and wood -----	73.25
18	W. C. Sheldon -----	Storage of crane -----	e.50
18	M. E. Mulloy -----	Lumber, etc. -----	5.50
18	Girling & Richards -----	Frames -----	4.50
18	J. C. Palmer -----	Repairing bookcase -----	8.00
18	Cincinnati, New Orleans & Tex- as Pacific Rwy. Co. -----	Transportation, R. J. Hyatt, Sept. 29 -----	27.50
18	New York, New Haven & Hart- ford R. R. Co. -----	Transportation, J. W. Smith et al., Aug. 22 -----	17.25
18	Detroit & Cleveland Steam Navigation Co. -----	Transportation, H. H. C. Dunwoody, Oct. 12 -----	4.75
18	The Cleveland, Cincinnati & Chicago, St. Louis Rwy. Co. -----	Transportation, E. H. Emery, Sept. 2 -----	9.75
18	John C. Parker -----	Envelopes -----	27.50
18	do -----	do -----	50.20
18	Mark W. Harrington -----	Traveling expenses, November -----	72.73
20	East Tennessee, Virginia & Georgia Rwy. Co. -----	Transportation, H. Pennywitt, Oct. 8 -----	18.05
20	Indian River Steamboat Co. -----	Transportation, H. B. Dick, Oct. 23 -----	3.20
20	Thos. J. Conry -----	Hauling -----	9.73
20	O. D. Stewart -----	do -----	1.00
20	J. B. Palsgrove -----	do -----	10.00
20	Charles A. Hoitt & Co. -----	do -----	10.00
20	Cleveland Electric Railway Co. -----	Street-car tickets -----	9.00
20	J. S. Beach -----	Joints of stovepipe -----	2.40
20	D. C. Hibbard -----	Repairing United States telegraph line -----	3.75
20	Homer J. Hart -----	do -----	9.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 20	Pay roll, Mobile, Ala.	Substation salaries, July 1 to Sept. 30	\$192.20
20	E. J. Gifford	Services, October	7.75
20	G. B. McCoy	Telegraphing, October	6.00
20	H. L. Ball	Traveling expenses, November	4.30
20	F. T. Williams	do	5.00
20	P. J. Bolton	do	2.75
20	H. C. Bate	Traveling expenses, October	100.60
21	Northern Central Rwy. Co.	Freight charges, Oct. 5	1.93
21	Columbus, Hocking Valley and Toledo Rwy. Co.	Freight charges, Sept. 28	1.66
21	Rome, Watertown and Ogdensburg R. R.	Freight charges, Sept. 22	1.42
21	Virginia and Truckee R. R. Co.	Freight charges, Aug. 22	.83
21	Steamer Humboldt	Freight charges, Sept. 7	1.50
21	Chicago and West Michigan Rwy. Co.	Freight charges, Sept. 16	.93
21	Johnson & Casservan	Freight charges, Sept. 2	.25
21	Detroit and Cleveland Steam Navigation Co.	Freight charges, Aug. 23	2.84
21	Northeastern R. R. Co.	Freight charges, Oct. 14	3.22
21	Iwaco Railway and Navigation Co.	Freight charges, Oct. 27	.25
21	Edward Drinkwater	Freight charges, Sept. 13	10.00
21	Oregon Transfer Co.	Drayage	2.50
21	Samuel Springman	do	11.95
21	Andrew Renz	Sharpening knives	3.00
21	Charles Becker	Turpentine	2.10
21	O. D. Stewart	Muilage, ink, etc.	2.15
21	Rafael Junguera	Services of observers, July 15 to Oct. 14	139.00
21	E. H. Nemmo	Traveling expenses, Nov. 8	4.25
21	P. Connor	Traveling expenses, Nov. 1	10.00
21	S. P. Graham	Traveling expenses, Nov. 7	4.50
21	Charleston and Savannah Rwy. Co.	Transportation, G. S. Jones, Sept. 11	32.90
22	G. H. Willson	Drayage	1.45
22	Geo. M. Chappel	do	1.25
22	M. J. Wright, jr.	do	.60
22	W. McDonald	Repairing United States telegraph line	3.00
22	Wiard Bros.	Repairing clock	1.25
22	Geo. A. Arwin	Moving instrument shelter	1.00
22	John Schenck	Instrument stand	2.75
22	John Englehard	Repairing map frame	.25
22	W. G. Gilder	Alarm clock	1.50
22	Broadwater & Pepin	Lamp chimneys, etc.	1.90
22	J. C. Entwistle	Engraving	5.00
22	Sunset Telephone and Telegraph Co.	Rent of telephone, Aug. 1 to Sept. 30	10.00
23	J. E. Lanquette	Repairing United States telegraph line	14.80
23	J. W. Smith	Traveling expenses, August	111.22
23	do	Traveling expenses, October	74.65
23	Henry D. Stewart	do	4.75
23	Thomas Roti	Repairing United States telegraph line	21.00
23	do	do	95.00
23	Frederik Hausson	do	7.50
23	Charles de Corse	Wood	16.00
23	P. J. Cahill	Traveling expenses, October	8.45
23	The Friedenwald Co.	Maps	1,812.50
23	Lewis R. Dey	Roller for map outfit	6.75
23	T. H. Owings	Traveling expenses, November	4.50
23	Pennsylvania R. R. Co.	Transportation, C. B. Tuch et al., Oct. 21	32.50
23	J. B. Brady	Office rent, Eastport, Me., July 1 to Oct. 23	132.13
23	Joseph Chilberg	Office rent, Olympia, Wash., October	26.50
23	Wyoming Midland Telegraph Co.	Transmitting cipher reports, October	13.85
23	Western Union Telegraph Co.	Telegraphing, July	10,154.23
24	C. H. Mallory & Co	Freight charges, Aug. 26	.90
24	H. W. Scott	Lettering office doors	3.50
24	W. M. Richards	Moving office furniture	20.00
24	Armstrong & Bros.	Painting bulletin board	2.00
24	Asker Carlson	Repairing sofa	2.00
24	J. H. Means	Drayage	2.00
24	J. B. Marbury	Hauling	2.00
24	C. H. Boos	Table	2.00
24	R. N. Getty	Stove, etc.	17.00
24	R. T. Smith	Wood	25.00
24	W. F. McCarley	Services, Oct. 1 to 28	5.60
24	Annie A. McGovern	Office rent, Keeler, Cal., October	28.63
24	A. F. Spreen	Graduating river gauge, etc.	10.00
24	Philadelphia, Reading, and Pottsville Telegraph Co.	Telegraphing, October	5.90

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 24	John C. Parker	Pasteboard tubes	\$10.50
24	H. W. Hinkle	Packing boxes	177.95
24	S. P. Gresham	Hauling	.98
24	New England Telephone and Telegraph Co.	Rent of telephone, Oct. 1 to Nov. 10	5.56
30	Laura F. Hawkins	Services, November	81.60
30	L. Winters et al	Printing-office roll for November	1,960.60
Dec. 1	Great Northwestern Telegraph Co. of Canada	Telegraphing, October	117.03
1	D. T. Flannery	Drayage	3.50
1	H. F. Alceator	do	3.25
1	E. M. Piper	Painting	5.00
1	J. N. Coffin	Moving instruments	120.00
1	J. W. Bauer	Traveling expenses, November	6.25
1	Frank P. Chaffee	do	7.75
1	Chas. M. Stoever	Paper	36.40
1	Geo. H. Hornby	Repairing barometer box	1.50
1	John Edwards	Services as cleaner, November	3.00
1	Joseph Chilberg	Office rent, Olympia, Wash., November	26.50
1	W. M. Case	Services, November	40.00
1	W. S. Gosnell	Services as cleaner, November	5.00
1	E. L. Cummins	Services, October	6.20
1	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegraphing, October	9.34
1	Old Colony Steamboat Co	Transportation, J. W. Smith, Oct. 26	3.00
1	Geo. W. Knox Express	Drayage	11.80
1	J. H. Melton	Traveling expenses, November	5.20
1	James Kenealy	do	7.25
1	Chicago, Burlington and Northern R. R. Co.	Telegraphing, Sept. 1 to Oct. 31	1.20
4	Mackellar, Smith & Jordan Foundry	Type	16.37
4	Hines & Miller	Constructing river gauge	258.60
4	J. W. Adams	Shelving	2.75
4	B. S. Pague	Traveling expenses, October	54.95
4	W. O. Henson	Services for October	6.20
4	J. C. Bramhall	Services for July	7.75
4	Baltimore and Ohio R. R. Co.	Transportation, W. T. Blythe, Sept. 28	22.25
4	Boyd Transfer and Fuel Co.	Drayage	2.75
4	New England Telephone and Telegraph Co.	Telegraphing, October	1.40
5	J. H. Harmon	Drayage	.50
5	O. D. Stewart	Meals and lodging, October	45.00
5	P. Connor	Meals and lodging, November	39.75
5	R. J. Hyatt	do	45.00
5	F. H. Clarke	do	45.00
5	H. H. C. Dunwoody	Traveling expenses, October	29.10
6	W. J. Tate	Oil	3.20
6	Royce & Marean	Binding posts	7.00
6	Thos. Robinson	Services for November	25.00
6	J. N. Applebaugh	do	36.00
6	Richard Titus	Services as cleaner, November	4.00
6	C. D. Goodsell	Painting, etc.	20.00
6	N. Rhine	Window shades, etc	7.50
6	F. Rees Woolford & Co	Oil, etc.	1.00
6	M. McDonald	Kindling wood	1.00
13	M. Howitz	Repairing chair	.50
13	F. B. Gilbert	Hardware	17.33
13	B. F. Hough	Matches, etc.	.75
13	Saginaw, Bay City and Alpena steamers	Freightage, Sept. 4	3.04
13	Valley Rwy., C. C. Philpott, cashier	Freightage, Sept. 28	2.34
13	Northern Central Rwy. Co	Freightage, Sept. 26	.75
13	Vandalia Line	Freightage, Sept. 1	4.97
13	E. Drinkwater	Freightage, Oct. 9	5.00
13	New Orleans, Fort Jackson and Grand Isle R. R. Co.	Freightage, Nov. 15	1.75
13	Chicago, Burlington and Northern R. R. Co.	Freightage, Aug. 25	1.28
13	H. Brown	Freightage, Sept. 23	2.15
13	Carrie M. Frahn	Services, November	5.00
13	C. F. Gregor	Services as cleaner, November	5.00
13	T. D. Wooten	Repairing river gauge, etc.	24.00
13	Julius Edwards	Removing rubbish	50.00
13	Mary V. E. Pritchett	Services as cleaner, November	3.00
13	New York Central and Hudson River R. R. Co.	Transportation, H. H. C. Dunwoody, Oct. 14	11.20
13	St. Louis and San Francisco Rwy. Co.	Transportation, A. E. Hackett, Oct. 9	14.20

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 13	J. H. Harmon	Express charges, etc	\$1.90
13	M. J. Adler	Brass tacks, etc	73.92
13	F. A. Tschiffely	Nitric acid	2.52
13	John C. Parker	Stationery	125.00
13	do	Twine, etc	4.20
13	The Standard Engraving Co	Engraving cuts, etc	16.50
13	James B. Lambie	Hardware	.75
13	Hugh Reilly	White lead, etc	3.56
13	do	Pane of glass	.35
13	J. B. Palsgrove	Transportation to Pike's Peak and return	10.00
13	Telephone and Telegraph Construction Co.	Electrical supplies	12.25
13	Levy & Co.	Stovepipe joints	4.45
13	Pay roll, Charleston, S. C.	Substation salaries, October and November	48.80
13	Pay roll, Savannah, Ga.	do	146.40
13	Pay roll, Wilmington, N. C.	do	85.40
13	J. M. Sherier	Traveling expenses, November	13.95
13	L. B. Midgett, jr.	Ferrying	2.00
13	H. Drinkwater	Repairing United States telegraph line	10.00
13	B. F. Stowe	do	10.00
14	B. Wolf	Office rent, Montrose, Colo., October	25.00
14	James A. Murray	Drayage, etc	20.00
14	J. C. De Lany	Office rent, Fort Stanton, N. Mex., Oct. 1 to Nov. 30	80.00
14	A. J. Mitchell	Protecting Government property	8.25
14	W. L. King	Stovepipe joints	3.00
14	Valentine Montoya	Services as cleaner, November	5.00
14	B. L. Waldron	Traveling expenses, November	1.50
14	H. A. McNally	do	4.25
14	H. E. Wilkinson	do	5.00
14	S. P. Langley, secretary Smithsonian Institution.	Transportation on exchanges, July 1 to Sept. 30	30.50
14	C. B. Fenton & Co	Printing-office supplies	22.00
14	Geo. Ryneal, jr.	Benzine	.80
14	Gottlieb Spitzer	Rubber stamps	2.45
14	M. Silverberg & Co	Gilt molding	6.00
16	Pay roll, New Orleans, La.	Substation salaries, October and November	238.80
16	Pay roll, Atlanta, Ga	do	101.80
16	Wilhelm Gronan	Meteorological symbols	4.42
16	Duluth, South Shore and Atlantic Rwy.	Transportation, N. B. Conger, Oct. 27	14.75
16	The Wabash R. R. Co.	Transportation, N. B. Conger, Oct. 14	46.32
16	Philadelphia, Reading and Pottsville Telegraph Co.	Telegraphing, November	6.30
16	Northern Pacific R. R. Co.	Transportation, H. C. Bate, Oct. 8, etc	10.85
16	Hannibal and St. Joseph R. R. Co.	Transportation, P. Connor, Nov. 1	27.75
16	Great Northern Rwy. Co.	Transportation, H. C. Bate et al., Sept. 2, etc.	50.56
16	Wyoming Midland Telegraph Co.	Telegraphing, November	14.90
16	Merchants and Miners' Transportation Co.	Freight charges, Sept. 27	2.22
16	James P. Sherry	Traveling expenses, Nov. 22	2.20
16	H. C. Bate	do	41.95
16	James Cameron	Repairing United States telegraph line	2.00
16	John J. Veeder	do	3.00
16	J. T. Brown	Moving office furniture	69.00
16	Jordan & Hedderich	do	5.00
16	Charles A. Kimball	Services, Oct. 1 to Dec. 5	10.81
16	W. J. Gilger	Repairing lock	2.50
16	Lorick & Lowrance	Portable grate	3.25
16	W. C. Shelton	Storage for November	1.50
16	Julien P. Friez	Triple self-registers	250.00
16	Will Shulte	Hauling	.50
16	J. P. Slaughter	do	1.50
18	United States Express Co	Expressage, Oct. 14	9.30
18	John C. Parker	Stationery	73.50
18	J. Edward Turton	Packing boxes, etc	38.00
18	The Standard Engraving Co.	Electrotype plates	2.79
18	Newman & Son	Cyclostyle pens	594.75
18	Arthur W. Robson	Drayage	2.50
18	Boston and Maine R. R.	Transportation, J. H. Milton, Nov. 18	13.50
18	Telephone and Telegraph Construction Co.	Drayage, etc	.45
18	Toilet service Co.	Toilet service, November	1.50
18	T. W. McClelland Co.	Painting instrument shelter	7.00
18	F. L. Hall	Repairing United States telegraph line	3.50
18	P. N. Correoso	Services, etc., July 15 to Oct. 15	151.00
18	J. E. Barker	Grinding blades of mailer	.75

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 18	A. B. Crane	Drayage	\$1.00
18	P. T. Jenkins	Traveling expenses, October	6.50
18	U. G. Purcell	Drayage, etc	1.70
18	Hinrichs Bros	Lantern	.85
18	Joseph C. Wilkinshaw	Drayage, etc	20.00
18	W. M. Belcher & Co.	Roller for caligraph	3.00
18	Lewis R. Dey	Roller for map-shading outfit	6.00
18	Henry Harris	Repairing United States telegraph line	10.00
18	M. H. Etheridge	Ferrying	3.50
18	P. H. Smyth	Stove, etc	6.50
18	The E. S. Greely & Co.	Platinum wire	.67
18	Will Van Duzer	Services, November	20.00
18	W. L. Moore	Drayage	.75
18	Joseph A. Smith	Office rent, Idaho Falls, Idaho, November	30.00
18	Harry A. Sayles	Glazing chart case	.75
18	J. W. Braid	Repairing droplight	1.00
18	C. G. Merritt	Labor and material	21.06
18	Chas. A. Kinnaman	Services, Oct. 1 to Nov. 30	6.00
18	P. H. Etheridge	Erecting flagstaff, etc.	50.00
18	G. B. McCoy	Telegraphing, November	6.00
18	John H. Clery	Street-car tickets	2.50
18	Pay roll, Montgomery, Ala.	Substation salaries, Oct. 1 to Nov. 30	73.20
18	Robt. Sherrard	Services as cleaner, November	3.00
18	Oregon Transfer Co.	Drayage	2.50
18	East Tennessee, Virginia and Georgia Rwy Co.	Freight charges, Oct. 3	2.08
18	Savannah, Florida and Western R. R. Co.	Freight charges, Oct. 11	5.73
18	E. Drinkwater	Freight charges, Oct. 13	6.92
18	Baltimore and Ohio R. R. Co.	Freight charges, July 29	1.60
18	Nashville, Chattanooga and St. Louis Rwy Co.	Freight charges, Sept. 29	3.99
18	International Steamboat Co.	Freight charges, Sept. 15	1.19
18	Thos. T. Conry	Drayage	7.91
18	Great Northern Rwy Co.	Freight charges, Aug. 16	1.23
18	do	Freight charges, Aug. 21	3.42
19	Adams Express Co.	Expressage	19.23
19	W. H. Veerhoff	Bulletin frames	48.75
19	Samuel Springmann	Hauling	2.76
19	John J. Masterson	do	2.00
19	John C. Davis	Freight charges, Aug. 21	5.46
19	H. C. Lichtenberger	Frame and glass	2.25
19	John H. Evans	Repairing United States telegraph line	6.00
19	Lester Lewis	do	4.00
19	Guthrie & Ruark	Kerosene	8.10
21	Savannah, Florida, and Western Rwy Co.	Freight charges, Oct. 12	7.37
21	New York Central and Hudson River R. R. Co.	Freight charges, Sept. 23	.99
21	Anchor Line	Freight charges, Sept. 16	.93
21	Baltimore and Potomac R. R. Co.	Freight charges, Oct. 12	.69
21	Louisville and Nashville R. R. Co.	Transportation F. H. Clark et al, Oct. 2	31.65
21	Frank Burke	Traveling expenses, November	7.75
21	Geo. H. Hornby	Repairing stove	3.00
21	O. W. Morey	Repairing clock	1.50
21	Julien P. Friez	Repairing anemometers	460.00
21	Jos. Ridgeway, jr.	Services, July 15 to Oct. 15	146.00
21	J. N. Ryker	Hauling	1.00
21	Park Morrill	Traveling expenses, December	5.75
21	W. H. Fallon	do	4.50
21	Erastus Huntington	Services, Oct. 1 to Dec. 15	12.42
21	S. L. Dosher	Traveling expenses, December	6.10
22	Robert Little	Hauling	1.50
22	G. B. Metzger	Wood	69.00
22	Brown & Piper	Repairing stove	4.50
22	J. E. Johnson	Hauling, etc	13.00
22	J. M. Hill & Co.	Repairing instrument shelter	6.00
22	Ossian C. Hicks	Packing typewriter	.75
22	E. J. Acker	Telegraph poles	1,740.00
22	E. Drinkwater	Hauling, etc	1,222.00
22	Minneapolis, St. Paul and Sault Ste. Marie Rwy Co.	Telegraphing, November	22.77
22	New England Telephone and Telegraph Co.	do	1.70
22	Herman Baumgarten	Rubber type	22.00
22	J. C. Entwistle	Engraving	5.00
22	Herman Baumgarten	Rubber logotypes	157.50
30	Mark W. Harrington	Traveling expenses, December	23.20

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 30	Memphis Light and Power Co.	Electric current, November.....	\$7.84
30	W. J. Bridges	Services, Oct. 1 to Nov. 30.....	14.25
30	W. B. Gould	do.....	15.25
30	Thomas Roti	Services, Nov. 11 to 23.....	10.50
30	F. W. David	Repairing United States telegraph line.....	8.00
30	Seth J. Davis	do.....	6.00
30	Homer J. Hart	do.....	12.00
30	Samuel R. Sneal	do.....	2.00
30	J. B. Palsgrove	Transportation to Pikes Peak and return.....	10.00
30	Kauffman, Openheimer Co.	Chairs.....	6.00
30	Jackson, O'Connell & Co.	Stovepipe, etc.....	12.35
30	B. J. Wolff	Office rent, Montrose, Colo., Nov. 1 to 6.....	5.00
30	Laura F. Hawkins	Services, December.....	84.20
30	L. Winters et al	Printing office roll, December.....	1,993.40
	Total, second quarter.....		57,373.27
1894.			
Jan. 2	Broadwater & Pepin	Coal.....	69.00
2	A. J. Robbins	Wood.....	22.50
2	B. F. Alderman	Stove and fixtures.....	18.00
2	J. T. Harper	Coal, mucilage, ink, etc.....	36.05
2	B. H. Bronson	Traveling expenses, December.....	4.50
2	S. E. Stronach	do.....	4.75
2	S. S. Bassler	Drayage, etc.....	2.60
2	J. M. Cline	do.....	3.00
2	Joseph M. Geist	Repairing register clock.....	2.00
2	C. H. Clark	Repairing gas stove.....	2.25
2	W. H. Hamrin	Traveling expenses, November.....	3.90
2	J. Warren Smith	do.....	2.80
2	Baltimore & Ohio R. R. Co.	Transportation O. D. Stuart, Oct. 31.....	8.00
2	Lakeshore and Michigan South- ern Rwy. Co.	Transportation T. H. Owings, Nov. 4.....	21.25
2	Pennsylvania Co	Transportation B. S. Pague, Sept. 7.....	17.50
2	do	Transportation H. M. Kimball, Oct. 24.....	17.50
2	Detroit, Grand Haven and Mil- waukee Rwy. Co.	Transportation N. B. Conger, Aug. 21.....	5.40
2	Jacksonville, Tampa and Key West Rwy. Co.	Transportation H. P. Hardin, Sept. 8.....	5.60
2	Pennsylvania R. R. Co.	Transportation B. S. Pague et al, Novem- ber.....	44.25
2	Virginia and Truckee R. R. Co.	Transportation P. T. Jenkins, Oct. 22.....	22.00
2	Chesapeake, Ohio and South- western Rwy. Co.	Telegraphing, Sept. 1 to Oct. 31.....	1.00
2	H. H. Rhear	Labor and material.....	2.50
2	E. R. Demain	Cleaning register clock.....	1.50
2	Queen & Co., incorporated	Thermometers.....	225.00
2	H. H. Taylor, agent	Office rent, San Francisco, Cal., Oct. 1 to Dec. 31.....	300.00
2	Chas. M. Stoever	Map paper.....	562.50
3	Chicago, Burlington and North- ern R. R. Co.	Telegraphing, November.....	.98
3	Chas. Becker	Turpentine.....	4.20
3	Newman & Son	Repairing typewriter.....	23.10
3	Hiestand, Warner & Co.	Kerosene.....	1.00
3	Lake Shore and Michigan Southern Rwy. Co.	Transportation, A. E. Hackett et al., Sept. 30.....	15.90
3	Macon, Dublin and Savannah R. R. Co.	Transportation, P. Morrill, Dec. 4.....	3.24
3	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation, P. F. Lyons et al, Aug. 31.....	13.92
3	J. W. Harper	Freight charges, Oct. 11.....	6.57
3	Hannibal and St. Joseph R. R. Co.	Freight charges, Aug. 30.....	3.73
3	do	Freight charges, Sept. 8.....	3.36
3	Raleigh and Gaston R. R. Co.	Freight charges, Oct. 18.....	2.24
3	Johnson & Cassevran	Freight charges, Oct. 27.....	.25
3	Denver and Rio Grande R. R. Co.	Freight charges, Nov. 6.....	30.18
3	Northern Central Rwy. Co	Freight charges, Nov. 23.....	4.14
4	Henry A. Sayles	Repairing United States telegraph line.....	127.25
4	F. A. Schneider	File handles, etc.....	3.80
4	Pay roll, Galveston, Tex.	Substation salaries, Oct. 1 to Nov. 30.....	182.00
4	Pay roll, Augusta, Ga.	do.....	109.40
4	Pay roll, Memphis, Tenn.	do.....	133.00
5	Puget Sound Cooperative Col- ony.	Office rent, Port Angeles, Wash., Oct. 1 to Dec. 31.....	59.00
5	Fresno Loan and Savings Bank	Office rent, Fresno, Cal., Oct. 1 to Dec. 31.....	100.00
5	The Kearney Opera House Co.	Office rent, Kearney, Nebr., Oct. 1 to Dec. 31.....	75.00
5	Buffalo Board of Trade	Office rent, Buffalo, N. Y., Oct. 1 to Dec. 31.....	142.06

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 5	Walla Walla Lodge No. 56, I. O. O. F.	Office rent, North Platte, Nebr., Oct. 1 to Dec. 1.	\$84.87
5	First National Bank	Office rent, Sault Ste. Marie, Mich., Oct. 1 to Dec. 1.	85.75
5	The Sedgwick Building Investment Co.	Office rent, Wichita, Kans., Oct. 1, to Dec. 31.	90.75
5	The Columbian Building Co.	Office rent, Topeka, Kans., Oct. 1 to Dec. 31.	87.50
5	First National Bank, Bismarck.	Office rent, Bismarck, N. Dak., Oct. 1 to Dec. 31.	105.00
5	Paul Wilson	Office rent, Pueblo, Colo., Oct. 1 to Dec. 31.	84.00
5	William Crawford	Office rent, Pysht, Wash.. Oct. 1 to Dec. 31.	30.00
5	Joseph Chilberg	Office rent, Olympia, Wash., Oct. 1 to Dec. 31.	26.50
5	Asher Marks Admins	Office rent, Roseburg, Oreg., Oct. 1 to Dec. 31.	75.50
5	Thomas Sweeney	Office rent, Rapid City, N. Dak., Oct. 1 to Dec. 31.	100.76
5	Catherine Wilson	Office rent, Los Angeles, Cal., Oct. 1 to Dec. 31.	104.82
5	Walker & Hall	Office rent, Meridian, Miss., Oct. 1 to Dec. 31.	70.00
5	Geo. French	Office rent, Corpus Christi, Tex., Oct. 1 to Dec. 31.	86.37
5	C. M. Beeson	Office rent, Dodge City, Kans., Oct. 1 to Dec. 31.	97.91
5	Matt Borland	Office rent, Lander, Wyo., Oct. 1 to Dec. 31.	90.00
5	Davidson & Joseph	Office rent, Montgomery, Ala., Oct. 1 to Dec. 31.	81.25
5	D. S. Hutchinson	Office rent, Titusville, Fla., Oct. 1 to Dec. 31.	85.74
5	Baer & Bloch	Office rent, Baker City, Oreg., Oct. 1 to Dec. 31.	87.50
5	E. H. Jamieson	Office rent, Spokane, Wash., Oct. 1 to Dec. 31.	64.20
5	P. M. VeVitt	Office rent, Abilene, Tex., Oct. 1 to Dec. 31.	100.62
5	Homer W. Styron	Office rent, Hatteras, N. C., Oct. 1 to Dec. 31.	38.62
5	R. McLaughlin	Office rent, Jacksonville, Fla., Oct. 1 to Dec. 31.	78.04
5	F. E. Warren	Office rent, Cheyenne, Wyo., Oct. 1 to Dec. 31.	91.90
5	Abbie S. Ingalls	Office rent, Indianapolis, Ind., Oct. 1 to Dec. 31.	90.95
5	Charles R. Wheeler	Office rent, Columbus, Ohio, Oct. 1 to Dec. 31.	125.00
5	W. H. Wood & Co.	Office rent, Sacramento, Cal., Oct. 1 to Dec. 31.	75.00
5	L. G. Nesmith	Office rent, San Diego, Cal., Oct. 1 to Dec. 31.	120.00
5	Vernon H. Harris	Office rent, Micco, Fla., Oct. 1 to Dec. 31.	16.25
5	A. P. Eagleston	Office rent, Vineyard Haven, Mass., Oct. 1 to Dec. 31.	65.00
5	P. Laveaga, county treasurer	Office rent, Winnemucco, Nev., Oct. 1 to Dec. 31.	67.00
8	Gulf, Colorado and Santa Fe Rwy. Co.	Transportation, B. L. Waldron, Nov. 11.....	8.10
8	R. J. Hyatt	Traveling expenses, November	10.50
8	G. W. Pancoast	do	10.00
8	J. R. Williams	Drayage .....	.50
8	F. H. Clarke	Traveling expenses, December	12.75
8	L. N. Jesunofsky	do	18.13
11	H. P. Hardin	Traveling expenses, September	18.40
11	Henry J. Green	Brass supports, etc., for thermometers	37.50
11	The Manhattan Supply Co.	Moistening appliances	27.00
11	D. A. Tower	Self-inking pads	3.20
11	Thos. H. McCollin & Co	Blue-print paper	2.50
11	Vernon H. Harris	Moving office furniture	1.00
11	L. D. Berry	Relettering map frames	16.80
11	John Roth	Recovering desk	1.50
11	J. H. McGarvey	Repairing plank walk, etc.	23.00
11	D. Horton	Office rent, Seattle, Wash., Oct. 1 to Dec. 31.	90.00
11	Chas. E. Bryant, Rec. Alliance Building.	Office rent, Huron, S. Dak., Oct. 1 to Dec. 31.	78.25
11	W. M. Case	Services, December	40.00
11	Denver and Rio Grande R. R. Co.	Transportation, P. J. Bolton, Nov. 7.....	13.55
11	International and Great Northern R. R. Co.	Transportation, H. C. Bate, Nov. 15	27.20
11	James B. Lambie	Hardware	7.90
11	Pay roll, Little Rock, Ark.	Substation salaries, Oct. 1 to Nov. 30	130.00
11	Pay roll, Detroit, Mich.	Substation salaries, July 1 to Dec. 15	164.52
11	Pay roll, Jacksonville, Fla.	Substation salaries, Oct. 1 to Dec. 31	45.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 11	Pay roll, Savannah, Ga.	Substation salaries, Oct. 1 to Dec. 31.....	\$36.00
11	Pay roll, New Haven, Conn.	do	76.50
11	Pay roll, Erie, Pa.	Substation salaries, Oct. 1 to Dec. 15	49.68
11	Pay roll, Chicago, Ill.	Substation salaries, Oct. 1 to Dec. 31	209.07
11	D. F. Gorrée.	Labor and material	19.75
11	Lucius M. Shelden, by Horace B. Stevens, attorney in fact.	Office rent, El Paso, Tex., Oct. 1 to Dec. 31	84.42
11	Samuel Schultz & Son	Rug	1.25
11	Broadwater & Pepin	Office rent, Havre, Mont., Oct. 1 to Dec. 31	90.00
11	Emma Ling	Services as cleaner, Nov. 1 to Dec. 31	10.00
12	John Edwards	Services as cleaner, December	3.00
12	Robert G. Goffin	Services as cleaner, Oct. 1 to Dec. 31	9.00
12	Pascual Moreno	do	6.00
12	Richard Titus	Services as cleaner, December	4.00
12	W. S. Gosnell	do	5.00
12	C. F. Gregor	do	5.00
12	Will Van Duzer	Services, December	20.00
12	C. L. Crocker	Services, Sept. 1 to Dec. 31	40.00
12	Paine Bros	Office rent, Wallawalla, Wash., Oct. 1 to Dec. 31	73.95
12	W. L., R. A. & E. H. Andres	Office rent, Grand Haven, Mich., Oct. 1 to Dec. 31	59.32
12	R. S. Dodson	Office rent, Norfolk, Va., Oct. 1 to Dec. 31	131.25
12	Tyree & Wilkins, attorneys	Office rent, Lynchburg, Va., Oct. 1 to Dec. 31	67.50
12	B. S. Williams	Office rent, Concordia, Kans., Oct. 1 to Dec. 31	66.00
12	Geo. Wood, treasurer Real Estate and Law Building Co.	Office rent, Atlantic City, N.J., Oct 1 to Dec. 31	45.49
12	Portland Trust Co. of Oregon	Office rent, Portland, Oreg., Oct. 1 to Dec. 31	150.00
12	Central Union Telegraph Co.	Rent of telephone and exchange service, Oct. 1 to Dec. 31	81.00
12	The Bell Telephone Co. of Philadelphia.	Exchange service, Oct. 1 to Dec. 31	30.00
12	The City and Suburban Telegraph Association.	Telephone exchange service, Oct. 1 to Dec. 31	25.00
12	Great Northwestern Telegraph Co. of Canada.	Telegraphing, November	118.76
12	Savannah, Florida and Western Rwy. Co.	Transportation, H. P. Hardin, Sept. 8	20.40
12	The Wabash R. R. Co.	Transportation, H. A. McNally, Nov. 16	17.35
12	G. T. Ennis	Brass castings	3.50
12	John M. Graham	Erection, etc., of river gauge	27.00
12	Julien P. Friez	Triple self-register	375.00
12	R. A. Jenkins	Repairing river and snow gauge	1.00
12	Chas. Cooper & Co.	Anhydrous ammonia	4.75
12	Barker Bros	Rug	2.00
12	Julien P. Friez	Repairing self-register	96.25
12	W. C. Shelton	Storage of crane	1.25
12	Nash Winslow & Co.	Benzine	1.00
12	J. F. Thomson	Removing flagpole, etc	6.50
12	J. B. Palsgrove	Transportation to Pikes Peak and return	10.00
12	Joseph M. Geist	Repairing clock	2.00
12	Geo. E. Franklin	Hauling, etc	2.35
12	G. H. Wilson	do	1.50
12	E. M. Ravencroft	do	1.00
12	A. H. White	do	2.50
12	S. S. Bassler	do	1.50
12	S. M. Blandford	do	1.00
12	N. D. Lane	do .....	.50
12	J. E. Lanquette	do	2.00
12	Geo. T. Todd	Hauling	1.55
12	John C. Parker	Envelopes	86.25
12	J. P. Slaughter	Express charges, etc	1.80
12	B. S. Pague	Lodging and meals, Nov. 14 to 30	24.75
12	Postal Telegraph Cable Co.	Telegraphing, November	4.62
12	H. B. Dick	Traveling expenses, December	32.30
12	F. T. Williams	do	11.00
12	Marietta Abbey	Bulletin frames	70.00
12	N. & P. Telegraph Line	Telegraphing cotton reports, Oct. 1 to Nov. 30	30.00
12	East Tennessee R. R. Co.	Telegraphing, Oct. 1 to Nov. 30	5.10
12	Boyd Transfer and Fuel Co.	Drayage	1.25
12	M. Glennan, publisher of Virginian.	Advertising	3.06
12	Wm. A. Johnson	Services, Oct. 1 to Dec. 31	30.00
12	Thos. C. Anthony	Services, Oct. 6 to Dec. 5	16.77
12	Pay roll, Milwaukee, Wis.	Substation salaries, Oct. 1 to Dec. 31	245.53
12	Pay roll, Wilmington, N. C.	do	48.00
12	Carl V. McDaniel	Services, Oct. 1 to Dec. 31	9.20
12	Mary V. E. Pritchett	Services as cleaner, December	3.00

120 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 13	F. M. Brown & Co.	Office rent, New Haven, Conn., Oct. 1 to Dec. 31.	\$100.00
13	First National Bank of Moorhead.	Office rent, Moorhead, Minn., Oct. 1 to Dec. 31.	66.31
13	Francis E. Lesslie	Office rent, Colorado Springs, Colo., Oct. 1 to Dec. 31.	75.00
13	Margaret Parmentier	Office rent, Green Bay, Wis., Oct. 1 to Dec. 31.	75.00
13	T. B. Catron	Office rent, Santa Fe, N. Mex., Oct. 1 to Dec. 31.	105.00
13	John L. Mitchell, executor	Office rent, Milwaukee, Wis., Oct. 1 to Dec. 31.	163.15
13	Jno. L. McCague and Wm. L. McCague.	Office rent, Omaha, Nebr., Oct. 1 to Dec. 31.	168.75
13	American Exchange Bank.	Office rent, Duluth, Minn., Oct. 1 to Dec. 31.	114.45
13	H. Overholser	Office rent, Oklahoma City, Okla., Oct. 1 to Dec. 31.	101.75
13	S. M. Apperson, administrator	Office rent, Little Rock, Ark., Oct. 1 to Dec. 31.	104.55
13	Riley Watson	Office rent, Valentine, Nebr., Oct. 1 to Dec. 31.	93.00
13	James Baker	Office rent, Springfield, Mo., Oct. 1 to Dec. 31.	68.75
13	M. E. Conway	Office rent, Narragansett Pier, R. I., Oct. 1 to Dec. 31.	37.74
13	First National Bank of Palestine.	Office rent, Palestine, Tex., Oct. 1 to Dec. 31.	78.50
13	Western Reserve Building	Office rent, Cleveland, Ohio, Oct. 1 to Dec. 31.	175.00
13	The Savannah Board of Trade.	Office rent, Savannah, Ga., Oct. 1 to Dec. 31.	78.25
13	Cotton Exchange Building Co.	Office rent, Memphis, Tenn., Oct. 1 to Dec. 31.	120.00
13	Chamber of Commerce Building Co.	Office rent, St. Paul, Minn., Oct. 1 to Dec. 31.	75.21
13	Carrie M. Frahm	Services, Dec. 1 to 6	.97
13	Joseph Lawrence	Services, Oct. 1 to Dec. 31	21.00
13	Thos. Robinson	Services, December	25.00
13	J. N. Applebaugh	do	36.00
13	I. R. Hawkins	Services as cleaner, Oct. 1 to Dec. 31	4.50
13	Sam'l de Corse	do	14.25
13	Thos. Cleary	do	9.00
13	James Higgins	do	15.00
13	Valentin Montoya	Services as cleaner, December	5.00
13	The Fuchs and Lang Manufacturing Co.	Ruling machine	45.00
13	A. F. Kinzler	Washing towels, Oct. 1 to Dec. 31	5.50
13	K. H. Hubbard	Repairing clock	1.50
13	J. B. Murtha	Erecting sunshine recorder	4.25
13	Troy Steam Laundry Co.	Washing towels, Oct. 1 to Dec. 31	1.50
13	Atlantic City Gas and Water Co.	Gas, Oct. 1 to Dec. 31, 1893	12.75
13	G. B. McCoy	Telegraphing, December	6.00
13	Great Southern Telegraph and Telephone Co.	Telegraphing, Oct. 1 to Dec. 31	21.60
13	John J. Veeder	Repairing United States telegraph line	8.00
13	do	do	7.00
13	E. E. Howes	do	3.00
13	do	do	4.50
13	H. M. Knowles	do	25.00
13	Pay roll, Woods Holl, Mass.	Substation salaries, Oct. 1. to Dec. 31	60.00
13	Pay roll, Boston, Mass.	do	432.75
13	Pay roll, Narragansett Pier, R. I.	do	60.00
13	O. D. Stewart	Meals and lodging, December	46.50
13	Hastings Steamboat Co.	Freight charges, Aug. 29	15.45
13	Atchison, Topeka and Santa Fe R. R. Co.	Freight charges, Aug. 30	9.75
13	Baltimore and Ohio R. R. Co.	Freight charges, July 22	54.83
13	Charleston and Savannah Rwy. Co.	Freight charges, Oct. 18	2.27
13	The Wabash R. R. Co.	Freight charges, Oct. 19	.39
13	Norfolk and Washington Steamboat Co.	Freight charges, Sept. 21	22.81
13	E. A. Clarke & Co.	Office rent, Tampa, Fla., Oct. 1 to Dec. 31	77.82
13	Staples & Pelan	Office rent, Dubuque, Iowa, Oct. 1 to Dec. 31	57.12
13	Geo. W. Williams	Office rent, Charleston, S. C., Oct. 1 to Dec. 31	117.93
13	Albert Marty	Office rent, Kansas City, Kans., Oct. 1 to Dec. 31	169.49
13	Masonic Temple Association	Office rent, Davenport, Iowa, Oct. 1 to Dec. 31	75.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 13	Chicago Auditorium Association.	Office rent, Chicago, Ill., Oct. 1 to Dec. 31.	\$172.57
13	Stock Growers' National Bank.	Office rent, Miles City, Mont., Oct. 1 to Dec. 31.	54.00
13	H. W. Blaisdell	Water furnished.	9.00
13	Union Ice Co.	Ice furnished.	6.75
13	George E. Curtis	Traveling expenses, December.	9.50
13	H. E. Wilkinson	do	10.00
13	F. S. Hyde	Drayage.	2.00
13	J. C. Piercy	Drayage, etc.	1.20
13	W. H. Garlock & Co.	Washing towels, July 1 to Dec. 31.	4.41
13	The Erie Telegraph and Telephone Co.	Telephone exchange service, Oct. 1 to Dec. 31.	12.00
13	Duluth Telephone Co.	do	15.00
13	The Enterprise Telegraph Co.	Telegraphing, Oct. 1 to Nov. 30.	3.10
13	Postal Telegraph Cable Co.	Transmitting cablegram, Nov. 3.	1.60
16	Pay roll, St. Paul, Minn.	Substation salaries, Oct. 1 to Dec. 31.	84.25
16	Pay roll, Charleston, S. C.	do	203.75
16	Pay roll, Lynchburg, Va.	do	54.20
16	Pay roll, Raleigh, N. C.	do	122.70
16	Pay roll, Nashville, Tenn.	do	26.05
16	Pay roll, Harrisburg, Pa.	do	84.00
16	Pay roll, Memphis, Tenn.	do	78.30
16	Pay roll, Vicksburg, Miss.	do	157.30
16	Pay roll, Cairo, Ill.	do	246.45
16	Pay roll, Louisville, Ky.	do	18.40
16	Pay roll, Chattanooga, Tenn.	do	127.05
16	James T. Sullivan	Erecting river gauge.	10.00
16	J. J. England	do	5.00
16	J. P. Murray	do	5.00
16	The Woodrow Ryder Co.	Mucilage and ink.	5.50
16	Henry L. Kenyon	Desk room, Northfield, Vt., Oct. 1 to Dec. 31.	6.00
16	W. L. Moore	Repairing lantern, etc.	.75
16	Salt Lake Board of Trade.	Office rent, Salt Lake City, Utah, Oct. 1 to Dec. 31.	137.50
16	Henry Bolton	Office rent, Alpena, Mich., Oct. 1 to Dec. 31.	52.84
17	F. R. Beahan	Glass, etc.	1.15
17	Pacific Club	Office rent, Nantucket, Mass., Oct. 1 to Dec. 31.	76.50
17	Anna Faris	Washing towels, etc., Oct. 1 to Dec. 31.	5.25
17	C. E. Haynes	Services as cleaner, Oct. 1 to Dec. 31.	15.00
17	George Davis	Removing office records, etc.	2.00
17	Pay roll, St. Louis, Mo.	Substation salaries, Oct. 1 to Dec. 31.	197.00
17	Pay roll, Kansas City, Kans.	do	12.00
17	Montana National Bank	Office rent, Helena, Mont., Oct. 1 to Dec. 31.	125.00
17	Pythian Land and Building Association.	Office rent, Astoria, Oreg., Oct. 1 to Dec. 31.	75.25
17	Bryant, McEachin & Luce	Office rent, Fort Smith, Ark., Oct. 1 to Dec. 31.	90.41
17	F. L. Jackson, agent	Office rent, Yankton, N. Dak., Oct. 1 to Dec. 31.	75.00
17	Anna M. Grover	Office rent, Keeler, Cal., Oct. 1 to Dec. 31.	57.27
17	Central Railroad and Banking Co. of Georgia.	Transportation, P. Morrill, Dec. 2.	5.26
17	South Pacific Co. (Atlantic system).	Transportation, H. C. Bate, Nov. 9 and 12.	25.85
17	Chicago and Northwestern Ryw. Co.	Transportation, B. S. Pague, Nov. 5 and 7.	37.00
17	San Antonio and Aransas Pass Ryw. Co.	Transportation, B. L. Waldron, Dec. 14.	8.10
17	The Knickerbocker Ice Co.	Ice, Oct. 23 to Dec. 30.	3.78
17	J. B. Palsgrove	Transportation to Pikes Peak and return.	10.00
17	J. S. Dotson	Painting, etc.	28.50
17	The Standard Engraving Co.	Logotypes.	6.00
17	Herman Baumgarten	do	31.50
17	Robert Sherrard	Services as cleaner, December.	3.00
17	Pay roll, Lacrosse, Wis.	Substation salaries, Oct. 1 to Dec. 31.	18.40
17	Pay roll, St. Louis, Mo.	do	23.00
17	Pay roll, Oswego, N. Y.	do	78.34
17	Pay roll, Portland, Oreg.	do	75.00
17	E. Bioudi	Services, salary Oct. 1 to Dec. 31.	30.00
17	A. J. Mulligan	do	22.35
17	J. W. Branan	do	15.00
17	E. McKenzie	do	24.84
17	C. E. Persons	do	24.84
17	Anna L. Bean	do	9.20
17	John H. Evans	Services, Dec. 10 to Dec. 16.	4.00
17	L. C. Bullock	Repairing United States telegraph line.	5.25
17	The Cleveland Telephone Co.	Rent of telephone and exchange service, Oct. 1 to Dec. 31.	18.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 17	James Brodie	Labor and material.....	\$4.00
17	R. J. Hyatt	Hauling, etc.....	2.10
17	G. G. Robissor	Services, Oct. 1 to Dec. 31.....	3.00
17	James Evans	Services as cleaner, Oct. 1 to Dec. 31.....	9.00
17	Grace V. Passailaque	do.....	9.00
17	Astoria Gaslight Co.	Gas, Oct. 1 to Dec. 31.....	11.48
17	F. H. Clarke	Hauling.....	1.25
17	T. J. Considine	do.....	.50
17	George C. Laws	Making a stenographic report.....	28.44
17	Vanderbilt University	Office rent, Nashville, Tenn., Oct. 1 to Dec. 31.....	112.50
18	J. R. Clinton	Repairing United States telegraph line.....	8.75
18	The Norfolk and Carolina R. R. Co.	Transportation, R. J. Bain, Dec. 29.....	8.05
18	E. Morrison Paper Co.	Strawboard.....	6.60
18	City Gaslight Co. of Norfolk	Electric light, Oct. 1 to Dec. 31.....	6.00
18	A. J. Robbins	Repairing office building.....	15.00
18	D. W. Williamson	Moving office fixtures.....	53.80
18	Teche & Vermilion Telegraph Line.	Telephoning, Nov. 11 to Dec. 31.....	7.50
18	Philadelphia, Reading and Pottsville Telegraph Co.	Telegraphing, December.....	9.75
18	Frank Perry	Telephoning, Oct. 1 to Dec. 5.....	3.20
18	C. Endress & Sons	Telegraphing, Oct. 2 to Dec. 5.....	15.00
18	Southern Bell Telephone and Telegraph Co.	Rent of telephone, Oct. 1 to Dec. 31.....	15.00
18	The Central District Printing and Telegraph Co.	do.....	12.50
18	D. J. Young	do.....	9.75
18	Northwestern Telephone Exchange Co.	Rent of telephone and exchange service, Oct. 1 to Dec. 31.....	18.00
18	The Empire State Telephone and Telegraph Co.	Telephone exchange service, Oct. 1 to Dec. 31.....	28.50
18	East Tennessee Telephone Co.	do.....	15.00
18	Chicago Telephone Co.	do.....	31.25
18	Missouri and Kansas Telephone Co.	do.....	18.00
18	Northwestern Telephone Exchange Co.	do.....	18.00
19	The Southern New England Telephone Co.	Rent of telephone, Oct. 1 to Dec. 31.....	15.00
19	Oregon Telephone and Telegraph Co.	do.....	22.50
19	Missouri and Kansas Telephone Co.	do.....	21.00
19	Great Southern Telephone and Telegraph Co.	do.....	15.00
19	Nebraska Telephone Co.	do.....	15.00
19	Atlanta Telephone Exchange	do.....	17.00
19	Delaware and Atlantic Telephone Co.	do.....	12.00
19	Southern Bell Telephone and Telegraph Co.	do.....	15.00
19	Sunset Telephone and Telegraph Co.	do.....	15.00
19	The Bell Telephone Co. of Buffalo.	do.....	17.50
19	Black Hills Telegraph and Telephone Co.	Rent of telephone, etc., Oct. 1 to Dec. 31.....	21.00
19	Telephone and Telegraph Construction Co.	Rent of telephone, Oct. 1 to Dec. 31.....	12.00
19	Chesapeake and Potomac Telephone Co.	Telephone exchange service, Oct. 1 to Dec. 31.....	50.00
19	Missouri and Kansas Telephone Co.	do.....	12.00
19	The Bell Telephone Co. of Missouri.	do.....	16.25
19	Great Southern Telephone and Telegraph Co.	do.....	25.00
19	New York and Pennsylvania Telephone and Telegraph Co.	do.....	6.00
19	Southern Bell Telephone and Telegraph Co.	do.....	16.00
19	do	do.....	15.00
19	Wisconsin Telephone Co.	Telephone service, Oct. 1 to Dec. 31.....	25.00
19	Telegraph and Telephone Construction Co.	do.....	10.00
19	The Southern New England Telephone Co.	Rent of telephone, Oct. 1 to Dec. 31.....	31.25
19	Hudson River Telephone Co.	Telephoning, Oct. 1 to Dec. 31.....	15.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 19	Alamo Fire Insurance Co.	Office rent, San Antonio, Tex., Oct. 1 to Dec. 31.	\$75.00
19	National Bank of Commerce	Office rent, Pierre, S. Dak., Oct. 1 to Dec. 31.	112.00
19	Lorenzo Littlefield	Office rent, Block Island, R. I., Oct. 1 to Dec. 31.	42.50
19	E. F. Hallack	Office rent, Denver, Colo., Oct. 1 to Dec. 31.	150.00
19	Amarillo Improvement Co.	Office rent, Amarillo, Tex., Oct. 1 to Dec. 31.	51.75
19	George S. Waite	Office rent, Key West, Fla., Oct. 1 to Dec. 31.	108.86
19	Galveston Cotton Exchange	Office rent, Galveston, Tex., Oct. 1 to Dec. 31.	78.25
19	Chas. B. Tuch	Traveling expenses, October	54.45
19	Williams & Hanks	Belt lacing	1.70
19	C. B. Fenton & Co.	Recasting rollers	12.00
19	C. C. Allen	Services, Oct. 1 to Dec. 31	15.00
19	Calvin Hamilton	do	9.20
19	Ama S. Dyer	do	30.00
19	J. H. Bickford	do	15.00
19	Pay roll, New Orleans, La.	Substation salaries, Oct. 1 to Dec. 31	224.90
19	Pay roll, Montgomery, Ala.	do	218.85
19	Memphis Light and Power Co.	Electric current, December	8.83
19	Chas. L. Stoever	Paper	123.97
19	C. D. Whitall Co.	Mucilage, ink, etc	4.82
20	J. H. Mills & Co.	Type	6.75
22	Standard Furniture Co.	Droplight, etc	13.00
22	Pacific Telephone and Telegraph Co.	Telephone exchange service, Oct. 1 to Dec. 31.	22.50
22	P. Conner	Traveling expenses, December	40.50
22	Geo. R. Marquette	Services, Oct. 1 to Dec. 31	15.00
22	P. C. Shaw	Washing towels, Oct. 1 to Dec. 31	3.00
22	L. N. Jesunofsky	Drayage	1.50
22	New England Telephone and Telegraph Co.	Telegraphing, December	3.00
22	Minneapolis, St. Paul and Sault Ste. Marie Ry. Co.	do	20.50
22	Ohio River Telegraph Line	Telegraphing, Oct. 1 to Dec. 31	5.52
22	Julien P. Friez	Instrument case	14.57
22	Rising Sun Telegraph Line	Telegraphing, Oct. 1 to Dec. 31	5.00
22	The Central District and Printing Telegraph Co.	Telephone exchange service, Oct. 1 to Dec. 31.	15.50
22	J. E. Cairns	Hauling	2.00
22	A. A. Day	Repairing United States telegraph line	1.90
22	J. I. Franklin	Blankets	8.00
22	Thorp & Martin Co.	Mucilage and ink	6.50
22	Wisconsin Telephone Co.	Telephone exchange service, Oct. 1 to Dec. 31.	12.00
22	Southern Bell Telephone and Telegraph Co.	do	15.00
22	H. H. Buhue	Office rent, Eureka, Cal., Oct. 1 to Dec. 31.	72.41
22	Sunset Telephone and Telegraph Co.	Rent of telephone, Oct. 1 to Dec. 31	12.00
22	T. V. Davis	Services, Oct. 1 to Dec. 31	30.00
22	Lee Fisk	do	30.00
22	W. H. Renear	Repairing United States telegraph line	10.00
22	B. P. Nickerson	do	5.00
22	Campbell & Gregg	Towel supply, Oct. 1 to Dec. 31	3.00
22	E. T. Gailard	Services, December	3.10
22	W. J. Tate	Corn and hay	28.50
23	Pay roll, Mobile, Ala.	Substation salaries, Oct. 1 to Dec. 31	146.60
23	Pay roll, Cincinnati, Ohio	do	324.30
23	Pay roll, Corpus Christi, Tex.	do	69.00
23	Pay roll, Davenport, Iowa	do	58.00
23	Brush Electric Light and Power Co.	Electric lights, Oct. 1 to Dec. 31	13.75
23	The Ohio Valley Telephone Co.	Telephone exchange service, Oct. 1 to Dec. 31.	18.00
23	Joseph A. Smith	Office rent, Idaho Falls, Idaho, December	30.00
23	Crane & Co.	Stationery	39.20
23	C. A. Krebaum	Repairing rain and snow gauge	.50
23	Strickland Printing Co.	Printing bulletins	13.00
23	John H. Clery	Traveling expenses, December	3.12
23	O. D. Stewart	Traveling expenses, January	2.00
23	B. L. Waldron	Traveling expenses, December and January.	1.50
23	R. J. Bain	do	5.25
23	E. T. Shriver	Services, Oct. 1 to Dec. 31	9.20
23	Southwestern Telegraph and Telephone Co.	Telephone exchange service, Oct. 1 to Dec. 31.	12.00
27	John C. Parker	Map paper	62.37
27	do	Duplicating paper	88.00
27	do	Book paper	26.40
27	J. C. Entwistle	Engraving	5.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 29	Pay roll, Atlanta, Ga	Substation salaries, Oct. 1 to Dec. 31	\$230.45
29	Wm. H. Smith	Repairing United States telegraph line	14.00
29	W. S. Brockman	Locating river gauge	2.00
29	E. A. Clarke & Co.	Repairing flagstaff	1.80
29	John Gordon	Coal oil	2.25
29	Harry A. Sayles	Repairing milliograph	1.00
29	Albert Bourquin	Labor and material	1.00
29	B. Ammons	Repairing river gauge	7.00
29	J. E. Price	do	17.00
29	W. M. Richards	Painting instrument shelter	10.00
29	Southern Pacific Co. (Atlantic system).	Freight charges, Oct. 10	4.87
29	East Tennessee, Virginia and Georgia Rwy. Co.	Freight charges, Oct. 11	3.93
29	Baltimore and Ohio R. R. Co.	Freight charges, Sept. 4	49.70
29	Louisville and Nashville R. R.	Freight charges, Oct. 9	2.04
31	L. Winters et al.	Printing office roll, January	2,022.15
31	Laura F. Hawkins	Services, January	86.10
Feb. 1	Southern California Rwy. Co.	Transportation, H. C. Bate, Oct. 30	10.00
1	The Chesapeake and Ohio Rwy. Co.	Transportation, S. P. Gresham et al., Nov. 7	33.50
1	St. Paul and Duluth R. R. Co.	Transportation, N. B. Conger, Oct. 21	4.30
1	Louisville and Nashville R. R. Co.	Transportation, M. W. Huntington, Nov. 8	25.50
1	Baltimore and Ohio R. R. Co.	Transportation, I. W. Brewer, Nov. 3	25.50
1	J. W. Thompson	Telephone exchange service, Oct. 1 to Dec. 31	15.00
1	Sunset Telephone and Telegraph Co.	do	15.00
1	The Pennsylvania Telephone Co.	do	21.00
1	Great Southern Telegraph and Telephone Co.	do	15.00
1	Telephone and Telegraph Construction Co.	do	24.00
1	Iowa Union Telephone Co.	do	12.00
1	Millbridge and Cherryfield Telegraph Co.	Telegraphing, Oct. 1 to Dec. 31	5.90
1	Wyoming Midland Telegraph Co.	Telegraphing, December	13.30
1	Max Wagner	Drayage	1.15
1	Harry A. Sayles	do	4.50
1	G. L. Turner	do	1.00
1	Pay roll, Sacramento, Cal	Substation salaries, November and December	76.25
1	Pay roll, Augusta, Ga.	Substation salaries, Oct. 1 to Dec. 31	36.90
1	White & Dodson	Copper wire	64.00
1	G. H. Willson	Repairing instrument shelter	1.00
1	J. L. McShane	Rubber tubing	1.20
1	Indian River Steamboat Co.	Transportation, Weather Bureau property	10.29
1	Toilet Supply Co.	Toilet service, December	1.50
1	Day & Allen	Window curtains	4.50
1	Cone & Kimball Co.	Office rent, Red Bluff, Cal., Oct. 1 to Dec. 31	100.99
1	J. T. Brown	Office rent, Williston, N. Dak., Oct. 1 to Dec. 31	12.50
1	Homer J. Hart	Repairing United States telegraph line	4.00
1	F. W. David	do	4.00
1	G. N. Lysight	Traveling expenses, December	15.10
1	P. Connor	Street-car tickets	5.60
1	L. Coney	Services, Oct. 1 to Nov. 30	10.00
2	Atlanta Rubber Stamp and Stencil Works.	Type	3.29
2	Standard Furniture Co.	Rubber tubing, etc.	3.00
2	F. A. Tschiffely, jr.	Alcohol	11.75
2	J. Edward Turton	Packing boxes, etc	38.00
2	Henry J. Green	Thermometers	600.00
2	E. Lien	Moving Weather Bureau property	7.00
2	P. F. Lyons	Hauling	1.00
2	Arthur L. White	do .....	.75
2	H. E. Wilkinson	do	1.50
2	Pay roll, Pittsburg, Pa.	Substation salaries, Oct. 1 to Dec. 31	460.25
2	Pennsylvania R. R. Co.	Transportation, M. W. Harrington, Dec. 15	21.00
2	Norfolk and Washington Steamboat Co.	Freight charges, Nov. 13	9.81
2	Indian River Steamboat Co.	Freight charges, Oct. 15	2.15
2	E. S. Greeley & Co.	Telegraph keys	14.60
2	New Bedford, M. V. & N. Steamboat Co.	Freight charges, Aug. 14	10.43
2	Pennsylvania R. R. Co.	Freight charges, Nov. 24	28.47
2	C. H. Mallory & Co.	Freight charges, Oct. 28	3.28

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 2	Wisconsin Central Lines	Freight charges, Oct. 18	\$0.93
2	Hannibal and St. Joseph R. R. Co.	Freight charges, Sept. 30	.49
2	E. G. Tulein	Freight charges, Oct. 29	.34
2	Chicago, Milwaukee and St. Paul Rwy. Co.	Freight charges, July 8	.74
2	Alabama and Vicksburg Rwy. Co.	Freight charges, Nov. 4	4.37
2	Fort Worth and Denver City Rwy. Co.	Freight charges, Sept. 23	.97
2	St. Louis and San Francisco Rwy. Co.	Freight charges, Sept. 30	2.50
2	do	Freight charges, Oct. 11	.56
2	Vandalia Line	Freight charges, Oct. 3	8.89
2	New York Central and Hudson River R. R. Co.	Freight charges, Oct. 12	3.07
2	Pennsylvania R. R. Co.	Freight charges, Sept. 23	5.77
3	Kate E. Reynolds	Services as cleaner, Oct. 1 to Dec. 31	15.00
3	Charles C. Hayman	do	7.50
3	C. F. Gregor	Services as cleaner, January	5.00
3	John Edwards	do	3.00
3	W. S. Gosnell	do	5.00
3	Pay roll, Little Rock, Ark.	Substation salaries, Oct. 1 to Dec. 31	38.80
3	R. L. Piver	Labor and material	59.00
3	Haley Grocery Co., Inc.	Benzine	1.15
3	Boyd Transfer and Fuel Co	Hauling	.75
3	Sam'l Springmann	do	4.38
3	John C. Parker	Blank books	56.50
3	Geo. Ryneal, jr.	Benzine	3.80
3	Andrew Renz	Sharpening knives	3.00
3	E. Morrison Paper Co.	Cardboard, etc.	4.50
3	J. B. Palsgrove	Transportation to Pikes Peak and return	10.00
3	J. C. Cammer	Services, Oct. 19, 1893, to Jan. 18, 1894	15.00
3	F. C. Lecky	Services, Dec. 16 to 31	5.16
3	Fred W. Wade	Services, Oct. 20 to Dec. 10	17.10
3	W. M. Case	Services, January	40.00
3	Will Van Duzer	do	20.00
3	W. H. Veerhoff	Map frames	151.25
3	First National Bank of Portland.	Office rent, Portland, Me., Oct. 1 to Dec. 31	126.00
3	Joseph Chilberg	Office rent, Olympia, Wash., January	26.50
3	M. Cottet	Repairing United States telegraph line	31.25
3	H. Drinkwater	do	5.00
3	M. W. Etheridge	do	3.50
3	Atchison, Topeka and Santa Fe R. R. Co.	Transportation, G. E. Curtis, Dec. 7	30.90
3	Cincinnati, New Orleans and Texas Pacific Rwy. Co.	Transportation, R. J. Hyatt, Dec. 8	21.00
3	Norfolk and Western R. R. Co.	Transportation, F. H. Clarke, Dec. 14	21.00
3	B. S. Pague	Traveling expenses, December	15.25
3	New England Telephone and Telegraph Co.	Telephone service, Oct. 1 to Dec. 31	12.50
3	do	Rent of telephone, Oct. 1 to Dec. 31	12.50
3	Munfordville Short Line Telegraph.	Telegraphing, July 1 to Dec. 31	4.50
3	Kellys Island and R. Cable Telegraph Co.	Telegraphing, Sept. 1 to Dec. 31	11.55
3	Telephone and Telegraph Construction Co.	Rent of telephone, Oct. 1 to Dec. 31	10.00
3	Chas. Shea	Services, Oct. 1 to Dec. 31	30.00
5	Chas. K. Morgan	Repairing clock	2.00
5	Shaw & Roache	Replacing wind vane	3.00
5	Holmes & Co.	Rubber tubing	1.50
5	C. B. Fenton & Co.	Brushes	3.60
5	T. J. Tillett	Repairing United States telegraph line	23.63
5	Elizabeth H. Hobbs	Services as cleaner, December	3.00
5	Smith Bros	Ink, mucilage, etc.	3.65
5	Greg. G. Wright & Son	Recasting roller	2.25
5	E. R. Peoples & Co.	Window curtains	9.00
5	Felix Leclair	Removing flag and halyards	2.00
5	H. E. Smith	Traveling expenses, January	37.75
5	Western Union Telegraph Co.	Telegraphing, July 1 to Aug. 31	10,610.69
5	Southern Pacific Co., Atlantic system.	Freight charges, Oct. 12	2.75
5	Fremont, Elkhorn and Missouri Valley R. R. Co.	Freight charges, Sept. 4	1.60
5	Chicago and Northwestern Rwy. Co.	Freight charges, Sept. 22	7.30
5	Merchants and Miners' Transportation Co.	Freight charges, Jan. 2	2.17

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 5	Wilmington and Weldon R. R. Co.	Freight charges, Oct. 20	\$6.45
5	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	Freight charges, Aug. 1	19.11
5	do	Freight charges, Aug. 17	2.14
5	Northern Central Rwy. Co.	Freight charges, Jan. 2	1.79
5	Central Vermont R. R. Co.	Freight charges, Sept. 23	1.93
5	Memphis and Charleston R. R. Co.	Freight charges, Sept. 30	6.10
5	Pennsylvania R. R. Co.	Freight charges, Sept. 29	14.13
7	J. C. Entwistle	Rags	8.00
7	The Standard Engraving Co.	Engraving	28.98
7	Lewis R. Dey	Combination rollers	27.50
7	The Ira F. Powers Manufacturing Co.	Chairs, etc	13.00
7	John C. Parker	Stencil paper	346.50
7	E. P. Jones	Hauling	1.75
7	U. G. Pursell	do	1.00
7	R. J. Hyatt	do	2.50
7	G. L. Turner	do	1.50
7	Park Morrill	do	5.55
7	Wm. D. Martin	Oil	4.00
7	Lakeside Press and Photo-Engraving Co.	Binding maps	3.50
7	Chas. A. Muddiman	Drop lights	7.70
7	Seth I. Davis	Repairing United States telegraph line	3.00
7	R. C. Orrell	do	3.00
7	G. C. Wiswell	do	2.50
7	Richard Titus	Services as cleaner, January	4.00
7	Valentin Montoya	do	5.00
7	Elizabeth H. Hobbs	do	3.00
7	Cape Horn Telegraph Co.	Telegraphing, Nov. 1 to Dec. 31	2.80
7	Moorhead Lake Telegraph Co.	Telegraphing, July 1 to Dec. 31	6.00
7	Telephone and Telegraph Construction Co.	Telephone exchange service, July 1 to Dec. 31	90.00
7	C. E. Linney	Expressage, etc	2.05
7	Southern Bell Telephone and Telegraph Co.	Rent of telephone, Oct. 1 to Dec. 31	13.53
7	R. C. McMann	Services, Oct. 1 to Nov. 30	12.20
9	Wm. Ballantyne & Sons	Paper	119.00
9	Pay roll, New York, N. Y.	Substation salaries, January	61.00
9	Mary V. E. Prichett	Services as cleaner, January	3.00
9	McArdle & Rivard	Labor and material	8.00
9	Cumberland Telephone and Telegraph Company.	Telephoning, Oct. 1 to Dec. 31	56.00
9	Choctaw Coal and Rwy. Co.	Telegraphing, December .....	.80
9	Great Northwestern Telegraph Company of Canada.	do	113.08
9	Toilet Supply Co.	Toilet service, January	1.50
9	Louisville Toilet Supply Co.	Supplying towels, Oct. 1 to Dec. 31	3.00
10	New York Central and Hudson River R. R. Co.	Freight charges, Nov. 16 .....	.49
10	Ilwaco Railway and Navigation Co.	Freight charges, Dec. 5 .....	.22
10	Toledo, Peoria and Western Rwy. Co.	Freight charges, Oct. 14	1.11
10	Pennsylvania R. R. Co.	Freight charges, Oct. 21	1.41
10	West Shore R. R.	Freight charges, Sept. 26	2.21
10	Vicksburg, Shreveport and Pacific R. R. Co.	Freight charges, Oct. 18	2.38
10	Southern California Rwy. Co., Chicago, Milwaukee and St. Paul Rwy. Co.	Freight charges, Sept. 18	1.23
10	Oregon Short Line and Utah Northern Railway Co.	Transportation, J. Kenealy, Nov. 17	13.55
10	Chicago, Great Western Rwy. Co.	Transportation, H. C. Bate, Oct. 15	1.50
10	Homer J. Hart	Transportation, T. S. Outram, Oct. 5	10.25
10	Easton & Rupp	Repairing United States telegraph line	7.50
10	Michigan Bell Telephone Co.	Envelopes	12.12
12	Little Northern Telegraph Co.	Telephoning, July 1 to Dec. 31	591.41
12	Chicago, Burlington and Northern R. R. Co.	Telephoning, July 1 to Dec. 31	21.65
12	Tidewater Telephone Co.	Telephoning, December	1.63
12	Postal Telegraph Cable Co.	Type	14.20
12	MacKellar, Smith & Jordan Foundry.	Binding maps	3.00
12	A. T. Brown	Halyards, etc	4.75
12	W. H. Weir	Map paper	562.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 12	Thos. J. Coury	Dravage	\$11.00
12	Herman Baumgarten	Rubber stamps, etc.	75.40
12	James B. Lambie	Hardware	.95
12	C. B. Fenton & Co	Recasting rollers	.60
12	J. C. Entwistle	Engraving	5.00
12	Robert Sherrard	Services as cleaner, January	3.00
12	Willie Wilkins	Services, January	2.00
14	Ricmond and Danville R. R. Co.	Transportation, W. J. Wambaugh et al., Aug. 10.	99.20
14	Chicago and Northwestern Rwy. Co.	Freight charges, Aug. 31.	29.44
14	do	Freight charges, Nov. 11.	4.18
14	Hastings Steamboat Co	Freight charges, Oct. 2.	3.00
14	Louisville and Nashville R. R. Co.	Freight charges, Sept. 29.	6.23
14	Johns & Starin	Freight charges, Jan. 15	.88
14	Geo. W. Knox Express	Freight charges, Dec. 21	3.69
14	Memphis Light and Power Co.	Electric current, January	10.13
14	John C. Parker	Envelopes	40.07
14	do	Staple fasteners	3.00
14	Saml. Springmann	Hauling	3.27
14	United States Express Co	Express charges	1.10
14	B. S. Pague	Expenses, December	40.50
14	W. L. Day	Expenses, January	36.50
14	E. B. Dunn	Mucilage, etc	2.30
14	Thayer & Jackson Stationery Co.	Binding maps	11.00
16	Wm. A. Vanderhoop, jr	Repairing United States telegraph line	1.00
16	Walter O. Luscombe	do	5.50
16	John J. Veeder	do	8.00
16	E. E. Howes	do	4.50
16	J. P. Slaughter	do	5.00
16	Flint and Pere Marquette R. R. Co.	Transportation, A. E. Hacket, Sept. 30	3.40
16	Louisville and Nashville R. R. Co.	Transportation, S. L. Dosher, Dec. 10	22.00
16	Adams Express Co	Expressage	5.35
16	The Perry Stove Co.	Grate	1.50
16	E. A. Ward	Mounting maps, etc	8.00
16	Dennison Manufacturing Co	Card holders	18.20
16	Julien P. Friez	Recorder supports	75.00
16	Geo. H. Hornby	Shovel, etc	2.25
16	Fred Strauss	Repairing clock	2.00
16	The Gayton Furniture Co	Repairing chairs	5.65
16	C. S. Hook	Cleaning register clock	2.50
16	M. F. Dunn & Bro	Binding maps	4.00
16	J. B. Palsgrove	Transportation to Pike's Peak and return	10.00
16	Herman Baumgarten	Rubber type	34.50
16	Lenoir and Blowing Rock Telegraph Co.	Telegraphing, Oct. 1 to Dec. 31	9.00
16	Carolina Midland Rwy. Co.	Telegraphing, Nov. 1 to Dec. 31	4.69
16	R. Lee Gookin	Services, Jan. 1 to 25	2.50
19	Talbotton Enterprise Telegraph Co.	Telegraphing, January	1.50
19	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	18.02
19	New England Telegraph and Telephone Co.	do	2.30
19	Philadelphia, Reading and Pottsville Telegraph Co.	do	9.95
19	The Manhattan Supply Co.	Brushes	22.50
19	G. B. McCoy	Telegraphing, January	6.00
19	F. S. Hyde	Drayage	.75
19	Theo. B. Comstock	Wood	15.00
19	Louisville and Bartow Telegraph Line.	Telegraphing, December	1.70
21	Baltimore and Ohio Southwestern R. R. Co.	Transportation, E. H. Emery, Sept. 21	17.25
21	Pennsylvania R. R. Co.	Transportation, H. E. Smith, Jan. 10	73.00
21	New York, New Haven and Hudson River R. R. Co.	Transportation, H. Goucher, Jan. 2	3.00
21	J. A. Miller	Repairing United States telegraph line	25.00
21	John H. Evans	do	6.00
21	F. W. David	do	12.00
21	Jay W. Austin	do	3.00
21	F. J. Hart	do	2.00
21	Forker & Baldwin	Flags	30.00
21	do	do	2.25
21	W. M. Wilson	Hauling	1.50
	H. C. Frankenfield	do	4,329.98

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 21	T. E. Howes & Co.	Brooms, matches, etc.	\$3.00
21	Barker Bros.	Office chair	6.00
27	Clyde Iron Co.	Labor and material	15.20
27	C. P. Babcock	do	6.00
27	Layton & Cameron	do	2.00
27	F. J. Hart	Repairing United States telegraph line	12.00
27	The Standard Engraving Co.	Engraving	1.00
27	Baltimore and Ohio Southwestern R. R. Co.	Freight charges, Oct. 6.	4.61
27	Merchants and Miners' Transportation Co.	Freight charges, Nov. 23	13.19
27	Pennsylvania R. R. Co.	Freight charges, Dec. 13	13.15
28	J. B. Falsgrove	Transportation to Pikes Peak and return	10.00
28	Elmer Samples	Repairing United States telegraph line	12.50
28	L. C. Bullock	do	24.50
28	Robert McWhinney	do	12.50
28	B. P. Nickerson	do	11.25
28	J. C. Cammer	Services, Jan. 19 to Feb. 8	3.52
28	R. M. Pickering	Services, Oct. 1 to Dec. 31	18.25
28	F. L. Jackson, agent	Office rent, Yankton, S. Dak., Jan. 1 to Feb. 15	38.39
28	Joseph Chilberg	Office rent, Olympia, Wash., February	26.50
28	Louisville and Bartow Telegraph Line	Telegraphing, January	2.80
28	Great Northwestern Telegraph Company of Canada	Telegraphing, July 1 to Jan. 31	497.45
28	Postal Telegraph Cable Co.	Telegraphing, January	9.72
28	Richmond and Danville R. R. Co.	Freight charges, Jan. 11, etc.	24.15
28	Chicago, St. Paul, Minneapolis and Omaha Rwy.	Transportation, L. H. Murdock, Dec. 8	3.15
28	J. N. Ryker	Drayage, etc.	1.15
28	C. B. Cottrell & Sons Co.	Steel crescent for press	3.75
28	J. L. Cline	Drayage, etc.	3.25
28	Hayden Bros	Office furniture	251.70
28	W. T. Nicholson	Binding maps	2.50
28	H. C. Strong	Padlock	.75
28	Kohler Manufacturing Co	Special gum	4.28
28	The West Jersey Paper Manufacturing Co.	Manila paper	90.00
28	Fred A. Schmidt	Measuring sticks	50.00
28	James B. Lambie	Copper tacks	.45
28	Newman & Son	Repairs to caligraph	2.45
28	John Schultzbach	Rain gauges	136.00
28	L. Winters et al	Printing office roll for February	1,620.90
28	Laura F. Hawkins	Climatology roll for February	77.80
28	J. H. Robinson	Meals and lodging, February	2.00
Mar. 1	Northern Pacific R. R. Co.	Transportation, H. C. Bate, Sept. 1	7.80
1	do	Transportation, B. S. Pague et al., Nov. 6, etc.	54.00
1	do	Transportation, B. H. Bronson et al., Dec. 5, etc.	30.20
1	The Missouri Pacific Rwy. Co.	Transportation, L. A. Welsh, Dec. 5	5.15
1	B. S. Pague	Lodging and meals, January	46.50
1	Star Union Line	Freight charges, Dec. 6	.81
1	Duluth, South Shore and Atlantic Rwy. Co.	Freight charges, Sept. 8	3.81
2	Robt. Mayer & Co.	Ink	29.25
2	Wm. Stork	Coal	7.50
2	The Cowell & Hubbard Co.	Repairing clocks	5.00
2	Henry J. Green	Supports for thermometers	35.00
2	do	Psychrometers	42.50
2	Mineralized Rubber Co.	Rubber blankets	51.82
2	Geo. E. Hunt	Recasting roller	1.95
2	Will Van Duzer	Services for February	20.00
2	W. M. Case	do	40.00
2	W. S. Gosnell	Services as cleaner, February	5.00
2	Geo. W. Scott	Lodging and meals, February	1.25
2	Henry G. B. Swinhoe	Services, Feb. 9 to 28	20.00
2	Valentin Montoya	Services as cleaner, February	5.00
2	Wm. E. Clark & Co.	Milliograph pads	13.00
2	F. A. Tschiffely, Jr.	Sponges	7.75
2	Henry Burmeister	Cleaning thermograph clocks	22.00
2	Easton & Rupp	Paper	30.94
6	Western Union Telegraph Co.	Telegraphing, September	11.37
6	Wyoming Midland Telegraph Co.	Telegraphing, January	11.25
6	Baltimore and Ohio R. R. Co.	Transportation, F. H. Clarke et al., Dec. 2	61.20
6	W. H. Hammon	Traveling expenses, February	7.10
6	G. H. Willson	Hauling	1.25

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 129

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. Mar. 7	John Edwards.....	Services as cleaner, February	\$3.00
7	C. F. Gregor.....	do	5.00
7	Emma Ling.....	Services as cleaner, Jan. 1 to Feb. 28	10.00
7	Richard Titus.....	Services as cleaner, February	4.00
7	Chas. W. Schotzell.....	Repainting river gauge	10.00
7	Archie Scott.....	Constructing river gauge	12.00
7	Pay roll, New York, N. Y.....	Substation salaries, February	61.00
7	W. H. Veerhoff.....	Map frames	60.00
7	Herman Baumgarten.....	Ink for stamps	5.04
7	T. R. Shaw & Co.....	Mucilage and ink	2.40
7	B. C. Keller.....	do	2.45
7	W. B. Stockman.....	Drayage, etc	5.21
7	H. H. Hodgson.....	Remington typewriter	87.75
7	Toilet Supply Co.....	Washing towels, February	1.50
7	F. F. Voigt.....	Milligraph stand	5.00
7	H. W. Richardson.....	Traveling expenses, February	2.15
7	A. E. Hackett.....	do	4.00
8	John H. Clery.....	Meals and lodging, January	15.00
8	P. Connor.....	Street-car tickets	5.00
8	Northern Pacific R. R. Co.....	Transportation, H. E. Wilkinson, Jan. 20	27.00
8	do	Freight charges, Aug. 16	5.34
8	do	Freight charges, Aug. 18	1.38
8	East Tennessee, Virginia and Georgia Rwy.....	Freight charges, Oct. 12	8.01
8	Hastings Steamboat Co.....	Freight charges, Nov. 1	5.25
8	Alabama and Vicksburg R. R. Co.....	Freight charges, Sept. 14	5.05
8	Baltimore and Ohio Southwest-ern Rwy. Co.....	Freight charges, Sept. 8	2.44
8	Northern Pacific R. R. Co.....	Freight charges, Aug. 28	4.47
8	do	Freight charges, Aug. 26	3.15
10	The E. S. Greeley Co.....	Galvanized iron wire	4.00
10	Rudolph Lion.....	Recasting roller .....	.70
10	L. M. Howard.....	Repairing rain guage .....	.25
10	M. H. Miller.....	Cleaning clock	1.50
10	Rene Guilloume.....	Repairing clock	1.50
10	A. W. Koch.....	Repairing typewriter	1.75
10	Ohio and Mississippi Rwy. Co.....	Freight charges, Sept. 16	13.83
10	Baltimore and Ohio Southwest-ern Rwy. Co.....	Freight charges, Dec. 6 .....	.52
10	Southern Pacific Co (Atlantic system).....	Freight charges, Nov. 10	1.55
10	Baltimore and Ohio R. R. Co.....	Freight charges, Sept. 28	45.44
10	Choctaw Coal and Rwy. Co.....	Telegraphing, January	1.30
10	James H. Powe.....	Telegraphing, Sept. 28, Nov. 30	5.50
10	G. B. McCoy.....	Telegraphing, February	6.00
10	Thomaston and Barnesville Telegraph Line.....	Telegraphing, Aug. 1 to Oct. 31	3.00
10	Mary V. E. Pritchard.....	Services as cleaner, February	3.00
10	Robert Sherrard.....	do	3.00
10	W. L. Long.....	Services, Jan. 1 to Feb. 28	5.90
10	Nelle & Engelbrecht.....	Glacing map frames	1.00
10	A. E. Boyd.....	Office table	5.00
10	Henry Kahn & Co.....	Dotting pen, etc	4.25
10	J. H. Mills & Co.....	Type	17.10
10	The Friedenwald Co.....	Printed wrappers	1,762.39
10	do	Maps	1,812.50
10	Wm. F. Coston.....	Answering signals	33.00
10	Royce & Marean.....	Window tubes	2.70
10	Geo. Ryneal, jr.....	Benzine .....	.80
10	Memphis Light and Power Co.....	Electric current, February	7.30
13	Steamer Pilgrim.....	Freight charges, Oct. 11	4.86
13	Thos. J. Comy.....	Drayage	9.67
13	Memphis and Charleston R. R.....	Freight charges, Jan. 13	5.78
13	Pennsylvania R. R. Co.....	Freight charges, Dec. 23	8.07
13	Chicago and Grand Trunk Rwy. Co.....	Freight charges, Sept. 29	9.70
13	John J. Veeder.....	Repairing United States telegraph line	3.00
13	James Cameron.....	do	1.50
13	Norman B. Conger.....	Traveling expenses, February	32.10
13	Woodward & Lothrop.....	Millinette	2.50
13	Mason Guy.....	Repairing roof	20.00
13	Elizabeth H. Hobbs.....	Services as cleaner, February	3.00
15	Chicago, Burlington and North-ern R. R. Co.....	Telegraphing, January	1.90
15	Chesapeake, Ohio and South-western R. R. Co.....	do	1.60
15	Philadelphia, Reading and Pottsville Telegraph Co.....	Telegraphing, February	8.30

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 15	Chesapeake, Ohio and Southwestern R. R. Co.	Telegraphing, Nov. 1 to Dec. 31	\$3.40
15	Thomaston and Barnesville Telegraph Co.	Telegraphing, Nov. 1 to Jan. 31	3.40
15	Pay roll, Corpus Christi, Tex.	Substation salaries, January	23.25
15	Jeff Davis	Repairing United States telegraph line	4.00
15	Nelson Hughes	do	17.50
15	Amon Markham	do	2.50
15	L. C. Bullock	do	10.50
15	Robert McWhinney	do	3.50
15	Solomon Markham	do	2.50
15	The W. H. Kistler Stationery Co.	Mucilage, ink, etc	10.40
15	do	do	8.30
15	Johnson & Shepard	Repairing clock	1.00
15	Kaufman, Myers & Co	Recovering desks	6.75
15	Forker & Baldwin	Storm flags, etc	493.59
15	E. N. Bartlet	Repairing typewriter	1.00
15	J. B. Palsgrove	Transportation to Pikes Peak and return	10.00
15	W. S. Brockman	Erecting river gauge	25.00
15	Church & Stephenson	Lumber	70.16
15	Melville Lindsay	Rubber tubing	2.70
15	John C. Parker	Penholders	2.55
15	Chas. Becker	Turpentine	2.10
15	The Chicago, Rock Island and Pacific Rwy. Co.	Transportation, J. H. Clery, Oct. 1	7.25
15	Jacksonville, Tampa and Key West Rwy. Co.	Transportation, H. B. Dick, Dec. 13	5.60
15	The Chicago and Alton R. R. Co.	Transportation, J. H. Clery, Dec. 29	14.60
16	W. T. Blythe	Traveling expenses, February	7.67
16	Arthur Thompson	do	16.20
16	Orin Parker	Meals and lodging, February	2.00
16	Albert Bryan	Placing wire cable in position	4.00
16	J. J. Gilligan	Express charges	1.00
17	Chas. M. Stoever	Paper	254.25
17	B. F. Hough	Sperm oil, etc	4.15
17	L. Barba, Son & Co	Repairing caligraph	20.00
17	F. W. Krichelt	Traveling expenses, March	5.75
17	C. F. Jones	Repairing United States telegraph line	9.00
19	C. B. Fenton & Co	Recasting rollers	17.10
19	Adams Express Co	Expressage, February	27.85
19	T. W. Corbett	Labor and material	13.85
19	A. W. Stevens	Hauling .....	.25
19	Joseph A. Smith	Office rent, Idaho Falls, Idaho, Jan. 1 to Feb. 28	60.00
22	S. W. Glenn	Meals and lodging, Jan. 4 to 8	9.00
22	R. J. Bain	Meals and lodging, Nov. 15 to 19	7.50
22	Kohler Manufacturing Co	Paste	10.00
22	John Gordon	Kerosene	3.00
22	Sam'l Springmann	Hauling	1.71
22	J. B. Marbury	do	1.50
22	Craig & Jackson	Repairing map-shading roller	2.48
22	J. C. Entwistle	Engraving	5.00
22	R. C. Orrell	Repairing United States telegraph line	3.00
22	Western Union Telegraph Co	Cablegram	18.91
22	Cape Horn Telegraph Co	Telegraphing, January	2.10
22	Tidewater Telephone Co	do	1.40
22	Thomaston and Barnesville Telegraph Co	Telegraphing, February	1.70
22	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	11.94
22	New England Telegraph and Telephone Co	do	2.00
22	Wyoming Midland Telegraph Co	do	13.10
22	Geo. M. Chappel	Hauling	1.50
22	Baltimore and Ohio Southwestern Rwy. Co.	Freight charges, Nov. 23	40.57
22	do	Freight charges, Jan. 2	12.99
22	do	Freight charges, Oct. 5	9.83
22	Alabama and Vicksburg Rwy. Co.	Freight charges, Jan. 16	1.74
22	East Tennessee, Virginia and Georgia Rwy.	Freight charges, Feb. 1	3.46
22	Alabama Great Southern R. R. Co.	Freight charges, Oct. 11	1.18
22	Elmira, Cortland and Northern R. R. Co.	Freight charges, Oct. 3 .....	.70
22	Illinois Central R. R. Co	Freight charges, Oct. 23	2.70
22	Hastings Steamboat Co	Freight charges, Jan. 10	1.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. Mar. 22	Merchants and Miners' Transportation Co.	Freight charges, Feb. 2	\$2.22
22	Memphis and Charleston R. R.	Freight charges, Feb. 1	2.59
22	Michigan Central R. R. Co.	Freight charges, Nov. 23	6.41
22	do	Freight charges, Jan. 2	2.92
24	John J. Masterson	Hauling	2.50
24	do	do	3.00
24	C. F. R. Wappenhaus	Hauling, etc.	1.30
24	H. C. Painter	Reeving halyards	1.00
24	Klune & Floberg	Repairing clock	2.50
24	Frank E. Russell	Labor and material	4.00
24	Fred Myers	Meals and lodging	4.50
24	F. H. Holton	Repairing wind vane, etc	2.00
24	Charles Kruth	Erecting river gauge	25.00
24	B. D. Hill	Services, Jan. 1 to Mar. 4	15.75
24	John H. Evans	Repairing United States telegraph line	4.00
24	Jay W. Austin	do	1.00
24	C. W. Anderson	do	1.50
24	R. C. Orrell	do	3.00
24	John Cooker	do	10.00
24	Atchison, Topeka and Santa Fe R. Co.	Freight charges, Sept. 28	22.46
31	Louis Dorman	Money-order fees	1.51
31	Laura F. Hawkins	Climatology roll for March	86.10
31	L. Winters et al	Printing office roll for March	1,833.40
31	Crane & Co	Bank-note onion-skin paper	4.90
31	A. E. Couse	Repairing telegraph line	6.00
31	John H. Starin	Freight charges, Feb. 3 .....	.46
31	Pennsylvania R. R. Co.	Freight charges, Oct. 20	1.41
31	Empire Line	Freight charges, Sept. 29	1.18
31	Baltimore and Ohio Southwestern Rwy. Co.	Freight charges, Jan. 9	1.11
31	Saginaw, Bay City, and Alpena steamers.	Freight charges, July 12	2.74
31	Colorado Midland R. R. Co	Freight charges, Oct. 16 .....	.25
31	J. B. Palsgrove	Transportation observer to Pikes Peak	10.00
31	The Wabash R. R. Co.	Transportation A. E. Hackett, Feb. 16	4.35
31	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	Transportation Orin Parker, Feb. 22	8.35
31	Western Rwy. of Alabama	Freight charges, Dec. 18	4.44
31	G. L. Eason	Cleaning thermograph	1.60
31	Wm. H. Simpson	Constructing flagstaff	15.00
31	Harry A. Sayles	Cartage, January and February	1.00
31	David Bernhardt	Repairing map frame .....	.25
31	Chas. St. John	Repairing flagstaff	6.00
31	Robt. Fairbanks	do	13.55
31	C. L. Dahlberg & Co.	Repairing typewriter	3.50
31	Queen & Co. (incorporated)	Crystallizing dishes, etc.	2.88
31	Chicago, Burlington and Northern R. R. Co.	Transmitting messages, February	1.51
31	Great Northwestern Telegraph of Canada.	do	122.70
31	Postal Telegraph Cable Co.	do	8.52
31	Chesapeake, Ohio and Southwestern R. R. Co.	do	2.30
31	Otto Stoelker	Repairing clock	2.00
31	B. S. Pague	Board and lodging, February	42.00
31	Walter Scott & Co.	Levies for repairing lithograph	4.20
31	F. F. Voigt	Putting clamps on milliograph	5.00
31	A. B. Crane	Traveling expenses, March	8.25
31	Thompson West	Labor in March	1.00
31	A. W. Keffer	Repairing river gauge	2.00
31	Louisville and Bartow Telegraph Line.	Transmitting messages, February	2.60
	Total third quarter		62,799.53
Apr. 3	Montana National Bank	Office rent, Helena, Mont., Jan. 1 to Mar. 31	125.00
3	Ed. S. Hughes & Co.	Office rent, Abilene, Tex., Jan. 1 to Mar. 31	100.62
3	Baer & Bloch	Office rent, Baker City, Oreg., Jan. 1 to Mar. 31	87.50
3	Buffalo Board of Trade	Office rent, Buffalo, N. Y., Jan. 1 to Mar. 31	142.06
3	Geo. French	Office rent, Corpus Christi, Tex., Jan. 1 to Mar. 31	86.37
3	Fresno Loan and Savings Bank	Office rent, Fresno, Cal., Jan. 1 to Mar. 31	100.00
3	Homer W. Styron	Office rent, Hatteras, N. C., Jan. 31 to Mar. 31	38.62
3	Charles E. Bryant, receiver for Alliance Building.	Office rent, Huron, S. Dak., Jan. 1 to Mar. 31	78.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 3	R. McLaughlin	Office rent, Jacksonville, Fla., Jan. 1 to Mar. 31.	\$78.05
3	The Kearney Opera House Co.	Office rent, Kearney, Nebr., Jan. 1 to Mar. 31.	75.00
3	Matt Borland	Office rent, Lander, Wyo., Jan. 1 to Mar. 31.	90.00
3	Walker & Hall	Office rent, Meridian, Miss., Jan. 1 to Mar. 31.	70.00
3	Walla Walla Lodge, No. 56, I. O. O. F.	Office rent, North Platte, Nebr., Jan. 1 to Mar. 31.	84.87
3	Joseph Chilberg	Office rent, Olympia, Wash., Jan. 1 to Mar. 31.	26.50
3	Thomas Sweeny	Office rent, Rapid City, S. Dak., Jan. 1 to Mar. 31.	100.76
3	Cone & Kimball Co.	Office rent, Red Bluff, Colo., Jan. 1 to Mar. 31.	100.99
3	Acher Marks, administrator	Office rent, Roseburg, Oreg., Jan. 1 to Mar. 31.	75.50
3	W. H. Wood & Co.	Office rent, Sacramento, Cal., Jan. 1 to Mar. 31.	75.00
3	First National Bank	Office rent, Sault Ste. Marie, Mich., Jan. 1 to Mar. 31.	85.75
3	Dexter Horton	Office rent, Seattle, Wash., Jan. 1 to Mar. 31.	90.00
3	The Columbia Building Co.	Office rent, Topeka, Kans., Jan. 1 to Mar. 31.	87.50
3	Paine Bros.	Office rent, Walla Walla, Wash., Jan. 1 to Mar. 31.	73.95
3	The Sedgwick Building Investment Co.	Office rent, Wichita, Kans., Jan. 1 to Mar. 31.	90.75
3	P. Laveaga, county treasurer	Office rent, Winnemucca, Nev., Jan. 1 to Mar. 31.	67.00
3	E. F. Hallack	Office rent, Denver, Colo., Jan. 1 to Mar. 31.	150.00
3	Wm. Crawford	Office rent, Pysht, Wash., Jan. 1 to Mar. 31.	30.00
3	H. H. Taylor, agent Mills Building.	Office rent, San Francisco, Cal., Jan. 1 to Mar. 31.	300.00
3	First National Bank of Bismarck, N. Dak.	Office rent, Bismarck, N. Dak., Jan. 1 to Mar. 31.	105.00
3	A. P. Eagleston	Office rent, Vineyard Haven, Mass., Jan. 1 to Mar. 31.	65.00
3	F. E. Warren	Office rent, Cheyenne, Wyo., Jan. 1 to Mar. 31.	91.90
3	Henry Landes	Office rent, Port Angeles, Wash., Jan. 1 to Mar. 31.	59.00
3	Davidson & Joseph	Office rent, Montgomery, Ala., Jan. 1 to Mar. 31.	81.25
3	L. G. Nesmith	Office rent, San Diego, Cal., Jan. 1 to Mar. 31.	120.00
3	National Bank of Commerce of Pierre, S. Dak.	Office rent, Pierre, S. Dak., Jan. 1 to Mar. 31.	112.00
3	Paul Wilson	Office rent, Pueblo, Colo., Jan. 1 to Mar. 31.	84.00
3	T. B. Catron	Office rent, Santa Fe, N. Mex., Jan. 1 to Mar. 31.	105.00
3	The Fuchs & Lang Manufacturing Co.; Julius Lang, president.	Lithographic transfer paper, March, 1894.	11.00
3	John Edwards	Cleaning office, Columbia, S. C., March, 1894.	3.00
3	Robert G. Goffin	Cleaning office, Woods Holl, Mass., Jan. 1 to Mar. 31.	9.00
3	Pascual Moreno	Cleaning office, Tucson, Ariz., Jan. 1 to Mar. 31.	6.00
3	W. S. Gosnell	Cleaning office, Baltimore, Md., Jan. 1 to Mar. 31.	5.00
3	Chas. F. Gregor	Cleaning office, Erie, Pa., March, 1894.	5.00
3	Valentin Montoya	Cleaning office, Santa Fe, N. Mex., March, 1894.	5.00
3	F. J. Hart	Use of horse at Port Crescent, Wash., 3 days in February, 1894.	4.50
3	Norfolk, Albemarle and Atlantic R. R. Co.	Freight charges, Feb. 24.	.75
3	Central Union Telegraph Co.	Telephone rent, Jan. 1 to Mar. 31.	81.00
3	Will N. van Duzer	Services, March.	20.00
3	W. M. Case	Services, March, Pittsburg, Pa.	40.00
3	The Bell Telephone Co. of Buffalo.	Rent of telephone, Jan. 1 to Mar. 31.	17.50
3	The Empire State Telephone and Telegraph Co.	Telephone service, Jan. 1 to Mar. 31.	28.50
3	The Bell Telephone Co. of Philadelphia.	do	30.00
3	Wm. A. Johnson	Services at Delaware Breakwater, Del., Jan. 1 to Mar. 31.	30.00
3	Telephone and Telegraph Construction Co.	Rent of telephone, Sault Ste. Marie, Mich., Jan. 1 to Mar. 31.	12.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 3	New York and Philadelphia Telephone and Telegraph Co.	Telephone service, Erie, Pa., Jan. 1 to Mar. 31.	\$ 6.00
3	Pacific Telephone and Telegraph Co.	Telephone service, San Francisco, Cal., Jan. 1 to Mar. 31.	22.50
3	Sunset Telephone and Telegraph Co.	Rent of telephone, Olympia, Wash., Jan. 1 to Mar. 31.	15.00
3	C. L. Crocker	Services, Gay Head, Mass., Jan. 1 to Mar. 31.	30.00
3	J. W. Thompson	Rent of telephone, San Diego, Cal., Jan. 1 to Mar. 31.	15.00
3	Jas. M. Gallagher	Services, Washington, N.C., Oct. 1 to Mar. 31.	30.00
3	S. A. Raymond, agent	Rent of office, Cleveland, Ohio, Jan. 1 to Mar. 31.	175.00
3	The Cleveland Telephone Co.	Telephone line service, Cleveland, Ohio, Jan. 1 to Mar. 31.	18.00
3	W. M. Lewis	Repairing rain gauge, March, 1894	1.00
3	C. M. Beeson	Office rent, Dodge City, Kans., Jan. 1 to Mar. 31.	97.91
4	Milton Whitney	Preparing and shipping samples of soils, etc.	36.30
10	Henry G. B. Swinhoe	Services, March, 1894	31.00
10	Pay roll, Charleston, S. C.	Substation salaries, Jan. 1 to Mar. 31	231.10
10	Pay roll, Lynchburg, Va.	do	54.00
10	Pay roll, New York City, N. Y.	Substation salaries, March, 1894	61.00
10	Pay roll, Jacksonville, Fla.	Substation salaries, Jan. 1 to Mar. 31	45.00
10	Pay roll, Woods Holl, Mass.	do	60.00
10	Chicago and Northwestern Rwy. Co.	Transportation, February	7.98
10	Wm. McLaughlin	Drayage, March	1.50
10	Pay roll, Wilmington, N. C.	Substation salaries, Jan. 1 to Mar. 31	48.00
10	Richmond and Danville R.R. Co.	Transportation, February	10.40
10	J. E. Cairns	Hauling, February and March	1.00
10	R. J. Hyatt	Drayage, February and March	2.50
10	Gust. A. Hoff	Coal oil, March	3.25
10	D. S. Hutchinson	Office rent, Titusville, Fla., Jan. 1 to Mar. 31	85.74
10	F. M. Brown & Co	Office rent, New Haven, Conn., Jan. 1 to Mar. 31	100.00
10	The Southern New England Telegraph Co.	Use of telephone, New Haven, Conn., Jan. 1 to Mar. 31	31.25
10	The Savannah Board of Trade	Office rent, Savannah, Ga., Jan. 1 to Mar. 31	78.25
10	Real Estate and Law Building Co.	Office rent, Atlantic City, N. J., Jan. 1 to Mar. 31	45.49
10	Henry Burmeister	Repairing clocks, March	5.00
10	Michigan Bell Telephone Co.	Transmitting messages, Nov. 1 to Dec. 31, 1893	2.80
10	H. B. Cartwright	Coal oil, March	1.75
10	U. G. Pursell	Hauling, February	1.50
10	P. J. Cahill	Transportation and expenses, March	26.50
10	E. H. Jameson	Office rent, Spokane, Wash., Jan. 1 to Mar. 31	64.20
10	Portland Trust Co. of Oregon	Office rent, Portland, Oreg., Jan. 1 to Mar. 31	150.00
10	Chas R. Wheeler	Office rent, Columbus, Ohio, Jan 1 to Mar. 31	125.00
10	E. A. Clarke & Co	Office rent, Tampa, Fla., Jan. 1 to Mar. 31	77.82
10	George W. Williams	Office rent, Charleston, S. C., Jan. 1 to Mar. 31	117.93
10	John L. McCague and Wm. L. McCague	Office rent, Omaha, Nebr., Jan. 1 to Mar. 31	168.75
10	Nebraska Telephone Co.	Rent of telephone, Jan. 1 to Mar. 31	15.00
10	Abbie S. Ingalls	Office rent, Indianapolis, Ind., Jan. 1 to Mar. 31	90.95
10	Tyree & Wilkins, attorneys	Office rent, Lynchburg, Va., Jan. 1 to Mar. 31	67.50
10	The Pennsylvania Telephone Co.	Rent of telephone, Jan. 1 to Mar. 31	21.00
10	Richard Titus	Services, March	4.00
10	Margaret Parmentier	Office rent, Green Bay, Wis., Jan. 1 to Mar. 31	75.00
10	James B. Lambie	Material for repairing meteorological instruments, March	7.34
10	F. A. Schneider	Locks and keys, March	4.20
10	The Smith Premier Typewriter Co.; Frank M. Evans, manager	One typewriter, March	87.75
10	F. A. Tschiffely, jr	Glycerin, March	7.50
10	Newman & Son	Repairing caligraph, March	2.50
10	E. Morrison Paper Co.	Steel pens	21.30
11	Lake Shore and Michigan Southern Railway Co.	Transportation, No. 3068, Oct. 18, 1893	13.50
11	Carolina Midland Telegraph Co.	Telegrams, January	2.84
11	J. H. Cameron	Hauling, February	2.50
11	T. P. Chaffee	Hauling, December and March	1.05

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 11	Pay roll, Cairo, Ill.	Substation salaries, Jan. 1 to Mar. 31.....	\$285.50
11	Mary V. E. Pritchett	Services, Atlantic City, N. J., March, 1894.....	3.00
11	Delaware and Atlantic Telegraph and Telephone Co.	Rent telephone, Jan. 1 to Mar. 31.....	12.00
11	Joseph Lawrence	Services, Jan. 1 to Mar. 31.....	21.00
11	Pay roll, Omaha, Nebr.	Substation salaries, Jan. 1 to Mar. 31.....	35.25
11	East Tennessee Telephone Co.	Telephone service, Jan. 1 to Mar. 31.....	15.00
11	The City and Suburban Telegraph Association.	do.....	25.00
11	Southern Bell Telephone and Telegraph Co.	do.....	16.00
11	Southern New England Telephone Co.	Rent of telephone, Jan. 1 to Mar. 31.....	15.25
11	Sunset Telegraph and Telephone Co.	do.....	15.00
11	Iowa Union Telephone Co.	Telephone service, Sioux City, Iowa, Jan. 1 to Mar. 31.....	12.00
11	H. Overholser	Office rent, Oklahoma City, Okla., Jan. 1 to Mar. 31.....	101.75
11	Memphis Cotton Exchange Building Co.	Office rent, Memphis, Tenn., Jan. 1 to Mar. 31.....	120.00
11	G. B. McCoy	Telegraphing, March.....	6.00
11	Bryant, McEachin & Luce	Office rent, Fort Smith, Ark., Jan. 1 to Mar. 31.....	90.41
11	Geo. R. Marquette	Services, Jan. 1 to Mar. 31.....	22.50
11	Hudson River Telegraph Co.	do.....	15.00
11	Albert Marty	Office rent, Kansas City, Mo., Jan. 1 to Mar. 31.....	169.49
11	Chicago Auditorium Association.	Office rent, Chicago, Ill., Jan. 1 to Mar. 31.....	172.56
11	Missouri Pacific Railway Co.	Freight, November, 1893.....	.61
11	C. H. Mallory & Co	Freight, February, 1894.....	2.62
11	Vandalia Line	Freight, January, 1894.....	1.71
11	Guin & Co.	6 copies of Professor Davis's new work, March.....	12.75
11	Norfolk and Washington Steamboat Co.	Freight.....	1.53
11	Troy Steam Laundry Co.	Washing towels, Portland, Oreg., Jan. 1 Mar. 31.....	1.50
11	Oregon Telephone and Telegraph Co.	Rent, telephone, Jan. 1 to Mar. 31.....	22.50
11	Southern Bell Telephone and Telegraph Co.	Rent, telephone, Charleston, S. C., Jan. 1 Mar. 31.....	15.00
11	do	do.....	15.00
11	Iowa Printing Co.	Binding weather maps, March.....	4.00
11	B. S. Williams	Office rent, Concordia, Kans., Jan. 1 to Mar. 31.....	66.00
11	H. H. Buhne	Office rent, Eureka, Cal., Jan. 1 to Mar. 31.....	72.41
11	Catherine Wilson	Office rent, Los Angeles, Cal., Jan. 1 to Mar. 31.....	104.82
11	R. M. Crawford	Traveling expenses, March.....	26.00
12	J. M. Cline	Drays, etc., February and March.....	2.75
12	Forker & Baldwin	Flags, March.....	92.00
12	L. N. Jesuofsky	Drayage, February.....	.70
12	Empire Line	Freight, March.....	.42
12	Louisville and Nashville R. R.	Freight, January.....	1.00
12	S. S. Bassler	Office expenses, February and April.....	1.25
12	R. L. Napper	Packing Weather Bureau property, etc., March.....	10.00
12	Philadelphia, Reading and Pottsville Telegraph Co.	Telegrams, March.....	7.50
12	John Bounty	Hauling, March.....	.75
12	New York and Baltimore Transfer Line.	Freight, March.....	1.80
12	M. E. Conway	Office rent, Narragansett Pier, R. I., Jan. 1 to Mar. 31.....	37.74
12	J. B. Palsgrove	Passenger transportation, March.....	10.00
12	Northern Pacific R. R. Co.	Freight, September and October, 1893.....	2.62
12	Thos. J. Conry	Drayage, March.....	5.81
12	New York Central and Hudson River R. R. Co.	Freight, January.....	2.45
12	A. E. Rouiller	Freight, September, October, and December, 1893.....	8.50
12	Wm. H. H. Smith	Use of team, January and February.....	8.00
12	W. H. Renear	Use of teams, Jan. 13 to Mar. 31.....	15.60
12	American Exchange Bank, Duluth, Minn.	Office rent, Duluth, Minn., Jan. 1 to Mar. 31.....	114.47

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894 Apr. 12	Lorenzo Littlefield.....	Office rent, Block Island, R. I., Jan. 1 to Mar. 31.	\$42.50
12	J. T. Brown.....	Office rent, Williston, N. Dak., Jan. 1 to Mar. 1.	37.50
12	Weakley & Shields, agents Vanderbilt University.	Office rent, Nashville, Tenn., Jan. 1 to Mar. 31.	112.50
12	G. H. Koch, secretary Masonic Temple Association.	Office rent, Davenport, Iowa, Jan. 1 to Mar. 31.	75.00
12	James Baker	Office rent, Springfield, Mo., Jan. 1 to Mar. 31.	68.75
12	J. C. Entwistle.....	Rags, March	8.00
12	Samuel Springman.....	Hauling, March	4.06
12	First National Bank of Palestine.	Office rent, Palestine, Tex., Jan. 1 to Mar. 31.	78.50
12	Lake Shore and Michigan Southern Rwy Co.	Passenger transportation, March	10.00
12	Interocean Telegraph Co	Telegrams, January	134.13
12	Pay roll, Savannah, Ga.....	Substation salaries, Jan. 1 to Mar. 31.....	36.00
12	Pay roll, Harrisburg, Pa.....	do	82.50
12	Barker Bros	Repairing bookcase, March	2.50
12	Thos. Cleary	Services, Jan. 1 to Mar. 31	9.00
12	James Higgins	Services, Memphis, Tenn., Jan. 1 to Mar. 31	15.00
12	Memphis Light and Power Co.	Electric current, March	7.18
12	D. J. Young	Telephone service, Jan. to Mar. 31	9.75
12	Telephone and Telegraph Construction Co.	Telephone service	10.00
12	P. Connor	Street-car tickets (Kansas City, Mo.), March, 1894.	2.70
12	Pay roll, Mobile, Ala.....	Substation salary, Jan. 1 to Mar. 31	45.00
12	G. V. Passailaigue	Cleaner, San Antonio, Tex., Jan. 1 to Mar. 31.	9.00
12	Chicago Telephone Co	Rent of telephone	31.25
12	Frances E. Lesslie	Office rent, Colorado Springs, Colo	75.00
12	First National Bank of Moorhead.	Office rent, Moorhead, Minn	66.31
12	W. L., R. A. & E. H. Andres	Office rent, Grand Haven, Mich	59.32
12	Samuel de Corse	Services as cleaner	14.25
12	Staples & Pelan	Office rent, Dubuque, Iowa	57.12
12	F. L. Jackson, agent	Office rent, Yankton, S. Dak., Feb. 16 to Mar. 31.	21.96
12	H. Bolton	Office rent, Alpena, Mich., Jan. 1 to Mar. 31	52.84
12	Pay roll, New Haven, Conn	Substation salaries	76.50
12	Chesapeake and Potomac Telephone Co.	Rent of telephone	25.00
12	Kingsley, Barnes, Nenner Co., Limited.	Binding weather maps	5.00
12	H. W. Blasdell	Water, Yuma, Ariz., Jan. 1 to Mar. 31	9.00
12	Amarillo Improvement Co	Office rent, Amarillo, Tex., Jan. 1 to Mar. 31	51.75
12	Bell Telephone Co. of Missouri.	Telephone service, St. Louis, Mo., Jan. 1 to Mar. 31	16.25
12	Anna Faris	Washing towels, Jan. 1 to Mar. 31	5.25
12	Pacific Club	Office rent, Nantucket, Mass., Jan. 1 to Mar. 31	76.50
12	J. B. Chamberlain	Photo plate holders, March	3.75
14	H. E. Wilkinson	Meals and lodging, Red Bluff, Cal., Jan. 25 to Feb. 8.	15.00
14	New England Telephone and Telegraph Co.	Telegrams, March	2.10
14	Pay roll, Narragansett Pier, R. I.	Substation salaries, Jan. 1 to Mar. 31	60.00
14	Pay roll, Boston, Mass.....	do	437.91
14	Great Southern Telephone and Telegraph Co.	Rent of telephone, Jan. 1 to Mar. 31	15.00
14	Arthur L. White	Cartage, February .....	.50
14	New York Central and Hudson River R. R. Co.	Freight charges, February	1.50
14	Louisville and Nashville R. R.	Freight charges, October, 1893	3.03
14	Pythian Land and Building Association.	Office rent, Astoria, Oreg., Jan. 1 to Mar. 31	75.25
14	Chamber of Commerce Building Co.	Office rent, St. Paul, Minn., Jan. 1 to Mar. 31	75.21
14	R. S. Dodson	Office rent, Norfolk, Va., Jan. 1 to Mar. 31	131.25
14	Great Southern Telephone and Telegraph Co.	Telephone service, Jan. 1 to Mar. 31	25.00
14	S. M. Apperson, administrator estate of J. R. Miller.	Office rent, Little Rock, Ark., Jan. 1 to Mar. 31	104.55
16	Union Ice Co	Ice, Jan. 1 to Mar. 31	6.67
16	Broadwater Pepin Co	Office rent, Havre, Mont., Jan. 1 to Mar. 31	90.00
16	P. C. Shaw	Washing towels, Jan. 1 to Mar. 31	3.00
16	Maggie Frank	Services, Jan. 1 to Mar. 31	4.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 16	Telephone and Telegraph Construction Co.	Telephone rent, Jan. 1 to Mar. 31	\$24.00
16	do	Telephone rent, Middle Island, Michigan, Jan. 1 to Mar. 31	10.00
16	Pay roll, Vicksburg, Miss	Substation salaries, Jan. 1 to Mar. 31	168.00
16	Duluth Telephone Co.	Telephone service, Jan. 1 to Mar. 31	15.00
16	Pay roll, Montgomery, Ala.	Substation salaries, Jan. 1 to Mar. 31	256.50
16	May Huey	Services, Jan. 1 to Mar. 31	9.00
16	Southern Bell Telephone and Telegraph Co.	Telephone rent, Jan. 1 to Mar. 31	15.00
16	The Central District Printing Telegraph Co.	Telephone service, Jan. 1 to Mar. 31	15.00
16	First National Bank of Portland, Me.	Office rent, Portland, Me., Jan. 1 to Mar. 31	126.00
17	MacKellar, Smiths & Jordan Foundry.	Printers' supplies, March	31.19
17	Pay roll, Cincinnati, Ohio	Substation salaries, Jan. 1 to Mar. 31	253.50
17	J. W. Branan	Services, Port Tampa, Fla., Jan. 1 to Mar. 31	15.00
17	Pay roll, Augusta, Ga.	Substation salaries, Jan. 1 to Mar. 31	63.00
17	Cobollie (Indian)	Repairing telegraph line, March	2.00
17	Johnnie James	do	2.00
17	R. J. Hyatt	Traveling expenses, April	23.15
17	Jeff. Davis	Repairing telegraph line, etc., March	3.00
17	B. B. Meagher	do	2.00
17	John C. Parker	Paper, March 1	114.04
17	do	do	128.50
18	Carolina Midland Telegraph Co.	Telegrams, February	2.68
18	Lee Fisk	Services, Ludington, Mich., Jan. 1 to Mar. 31	30.00
18	F. V. Davis	Services, Manistee, Mich., Jan. 1 to Mar. 31	30.00
18	Pay roll, Chattanooga, Tenn.	Substation salaries, Jan. 1 to Mar. 31	202.50
18	Pittsboro, Telegraph Line	Telegrams, Oct. 1, 1893, to Feb. 12, 1894	2.00
18	Pay roll, Davenport, Iowa	Substation salaries, Jan. 1 to Mar. 31	139.50
18	Teche and Vermillion Telegraph Line.	Telegrams, Jan. 1 to Mar. 31	15.65
18	Great Southern Telephone and Telegraph Co.	do	22.20
18	Erie Telegraph and Telephone Co., Little Rock, Ark.	Telephone service, Little Rock, Ark., Jan. 1 to Mar. 31	12.00
18	Pay roll, Little Rock, Ark.	Substation salaries, Jan. 1 to Mar. 31	40.50
18	Henry L. Kenyon	Desk room, Northfield, Vt., Jan. 1 to Mar. 31	6.00
18	Missouri and Kansas Telephone Co.	Telephone service, Kansas City, Mo., Jan. 1 to Mar. 31	18.00
18	W. L. Moore	Traveling expenses, February, March, and April	30.40
18	W. H. Hammon	do	28.75
20	Broadwater, Pepin Co.	1 lamp, March .....	.90
20	Riley Watson	Office rent, Valentine, Nebr., Jan. 1 to Mar. 31	93.00
20	Campbell & Gregg	Towel supply, Jan. 1 to Mar. 31	3.00
20	Missouri and Kansas Telephone Co., Springfield, Mo.	Telephone service, Springfield, Mo., Jan. 1 to Mar. 31	12.00
20	M. G. Guy	Charcoal, acid, etc., March	5.05
20	Louisville Towel Supply Co.	Towels, Louisville, Ky., March	3.00
20	Stockgrowers' National Bank, Miles City, Mont.	Office rent, Miles City, Mont., Jan 1 to Mar. 31	54.00
20	Horace B. Stevens, attorney in fact for Lucius M. Sheldon.	Office rent, El Paso, Tex., Jan. 1 to Mar. 31	84.42
20	George S. Waite	Office rent, Key West, Fla., Jan. 1 to Mar. 31	103.86
20	Joseph A. Smith	Office rent, Idaho Falls, Idaho, March	30.00
20	Pay roll, Pittsburg, Pa.	Substation salaries, Jan. 1 to Mar. 31	500.50
20	Pay roll, St. Louis, Mo.	do	221.25
20	Park Morrill	Expenses, April	16.50
20	Pay roll, St. Louis, Mo.	Substation salaries, February and March	12.25
20	May Huey	Services, April 1 to 10	1.00
20	John C. Webb	Services, Jan. 1 to Mar. 31	20.75
20	Pay roll, Portland, Oreg.	Substation salaries, Jan. 1 to Mar. 31	75.00
20	E. Biondi	Services, Port Townsend, Wash., Jan. 1 to Mar. 31	30.00
20	Pay roll, New Orleans, La.	Substation salaries, Jan. 1 to Mar. 31	256.25
20	Pay roll Raleigh, N. C.	do	126.00
20	J. R. Hudson	Repairing clock, March	2.00
20	Northwestern Telephone Exchange Co.	Service and rent of telephone, Jan. 1 to Mar. 1	18.00
20	Wm. Burgess	Wire, March	3.20
20	Great Southern Telephone and Telegraph Co.	Rent of telephone, Jan. 1 to Mar. 31	15.00
20	Kate E. Reynolds	Services as cleaner, Jan. 1 to Mar. 31	15.00
20	Robert Sherrard	Services, March	3.00
20	Elizabeth H. Hobbs	do	3.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 20	Missouri and Kansas Telephone Co.	Rent telephone, Jan. 1 to Mar. 31.....	\$21.00
20	Wisconsin Telephone Co.....	Telephone service, Jan. 1 to Mar. 31.....	25.00
20	Fred. Strauss.....	Repairing clock, etc., April.....	2.00
20	J. B. Marbury.....	Washing towels, etc., Jan. 1 to Mar. 31.....	7.30
20	Anna M. Grover.....	Office rent, Keeler, Cal., Jan. 1 to Mar. 31.....	85.91
20	D. P. McCallum.....	Traveling expenses, February.....	24.15
21	Toilet Supply Co.....	Toilet supplies, March.....	1.50
21	Chicago, Milwaukee and St. Paul Rwy. Co.	Freight charges, September, 1893.....	2.78
21	do.....	Freight charges, October, 1893.....	.83
21	do.....	Freight charges, September, 1893.....	.42
21	Des Moines, Northern and Western Rwy. Co.	Freight charges, January, 1894.....	2.82
21	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	Freight charges, August, 1893.....	.86
21	do.....	Freight charges, September, 1893.....	9.39
21	John J. Masterson.....	Drayage, March, 1894.....	1.50
21	C. H. Mallory & Co.....	Freight charges, October, 1893.....	6.82
21	Chas. Shea.....	Services, Jan. 1 to Mar. 31.....	30.00
21	F. E. Lee.....	Repairing roof, etc., March.....	35.00
21	Central District Printing and Telegraph Co.	Rent of telephone, Jan. 1 to Mar. 31.....	12.50
21	Charles C. Hayman.....	Services, Jan. 1 to Mar. 31.....	7.50
21	L. N. Jesuofsky.....	Traveling expenses, April.....	8.75
21	Southern Bell Telephone and Telegraph Co.	Telephone service, Jan. 1 to Mar. 31.....	15.00
21	Adams Express Co.....	Express charges, March.....	2.90
30	H. E. Wilkinson.....	Traveling expenses, January and Februa- ry.....	13.00
30	L. Winters et al.....	Printing office roll for April.....	1,771.67
30	Laura F. Hawkins.....	Climatology roll for April.....	82.40
30	J. P. Alexander.....	do.....	98.90
30	Robert Mayers Co.....	Ink, March.....	20.00
30	M. Cotter.....	Use horse and dogcart, Jan. 1 to Mar. 31.....	31.25
30	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegrams, March.....	98.90
30	Talbotton Enterprise Telegraph Co.	Telegrams, February and March.....	3.60
30	Pay roll, Nantucket, Mass.....	Substation salaries, Jan. 1 to Mar. 31.....	45.00
30	Milbridge and Cherryfield Telegraph Co.	Telegrams, Jan. 1 to Mar. 31.....	6.40
30	Rising Sun Telegraph Co.....	do.....	8.50
30	A. A. Day.....	Use of team, Jan. 1 to Mar. 31.....	5.70
30	E. T. Shriver.....	Services, Jan. 1 to Mar. 31.....	9.00
30	S. C. Prickett.....	Repairing desks, etc., April.....	10.00
30	F. H. Clarke.....	Traveling expenses, March and April.....	40.35
30	Nelson Hughes.....	Expenses in repairing telegraph line, March.....	14.00
30	H. H. Cinley.....	Drayage, etc., April.....	2.75
30	Julien P. Friez.....	Repairing anemometers, etc., March and April.....	225.60
30	Carolina Midland Telegraph Co.	Telegrams, March.....	2.92
30	Chicago, Burlington and North- ern R. R. Co.	do.....	2.80
30	Thomaston and Barnesville Telegraph Line.	do.....	1.50
30	R. H. Polk.....	Services, March.....	10.00
30	Lenoir and Blowing Rock Tele- graph Co.	Telegrams, Jan. 1 to Mar. 31.....	9.00
30	Great Northwestern Telegraph Co. of Canada.	Telegrams, March.....	121.48
30	Geo. W. Davis.....	Constructing and removing old building, April.....	15.00
30	F. R. Pate.....	Services, April.....	1.00
30	Sylvester Mackey.....	Painting and repairing, April.....	1.50
30	F. P. Chaffee.....	Expenses, April.....	32.83
30	J. O. Singley.....	Painting and repairing instrument shelter, April.....	2.00
30	W. A. Saffold.....	Repairing caligraph, April.....	5.00
30	C. I. Colbert.....	Painting, etc., instrument shelter, April.....	2.25
30	Pay roll, Atlanta, Ga.....	Substation salaries, Jan. 1 to Mar. 31.....	234.75
30	Atlanta Telephone Exchange.....	Rent telephone, Jan 1 to Mar. 31.....	17.00
30	Horace A. Tilton.....	Repairing table, April.....	2.00
30	W. T. Phillips.....	Painting river gauge, April.....	10.00
30	Southern Bell Telephone and Telegraph Co.	Telephone service, April.....	15.00
30	Harry A. Sayles.....	Packing, etc., bookcase, April.....	7.50
30	Wm. Ballantyne & Sons.....	Map paper, etc., March.....	142.70
30	Forsberg & Murray.....	Repairs to stitching machine, March.....	3.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 30	Melville Lindsay.	1 pound of cement, April.	\$0.75
30	Andrew Benz.	Sharpening paper knives, April.	3.00
30	Easton & Rupp.	Envelopes, March.	22.25
30	W. B. Moses & Sons.	Linoleum, April.	16.90
30	C. Herbert.	Leather for air-pump washers, April.	.25
30	Andrew B. Graham.	Work for barograph, March.	3.00
30	John C. Parker.	Paper, April.	134.46
30	E. D. Franz.	Slop bucket, etc., March.	2.45
30	I. C. Swearingen.	Copying ink, etc., March.	5.10
30	D. M. Lochen.	Repairing telegraph line, March.	1.75
30	J. B. Roberts.	do.	1.75
30	J. R. Clinton.	Repairing telegraph line and use of boat, January.	7.00
30	Walter O. Luscombe.	Hauling, etc., April.	5.00
30	The Friedewald Co.	Weather maps, April.	1,812.50
30	I. C. Duncan, lessee, Knoxville, Ohio, telegraph line.	Telegrams, Dec. 1, 1893, to Mar. 31, 1894.	24.20
May 1	Sam'l Levy.	Lumber, April.	45.00
30	Herman Baumgarten.	Rubber type, etc., March.	19.60
30	Sunset Telephone and Telegraph Co.	Rent telephone.	12.00
1	Pay roll, Cincinnati, Ohio.	Substation salaries.	52.50
1	Jas. S. Hepburn.	Bracing flagstaff.	20.00
1	J. N. Ryker.	Repairing and cleaning caligraph.	3.50
1	The Boyd Transportation and Fuel Co.	Drayage.	1.35
1	J. B. Palsgrove.	Transportation services.	10.00
1	L. J. Marbry.	do.	1.50
1	E. T. Gaillard.	do.	1.50
1	S. J. Russell.	do.	1.50
1	B. J. Allen.	do.	1.50
1	J. S. Crum.	Repairing instrument shelter.	2.00
1	E. C. Ewer.	Repairing telegraph line, etc.	5.00
1	Alamo Fire Insurance Co.	Office rent, San Antonio, Tex.	75.00
1	Black Hills Telegraph and Telephone Co.	Rent of instruments and telephone service.	21.00
1	Astoria Gaslight Co.	Gas.	7.84
1	Tom Dorsey.	Repairing and painting instrument shelter.	3.00
1	L. L. Scott.	Repairing and painting instrument shelter, etc.	1.50
1	J. F. Nolen.	Services.	3.00
1	Walter Trousdale.	Repairing instrument shelter, etc.	.75
1	James Evans.	Services.	9.00
1	G. G. Wickson & Co.	Repairing typewriter.	20.00
1	E. T. Spencer.	Repairing stamp.	.75
1	City Gaslight Co., Norfolk, Va.	Electric light.	6.00
1	C. E. Haynes.	Services.	15.00
1	Washington Libbey.	Erecting support for sunshine recorder.	3.00
1	John Fitzsimmons.	Services.	3.00
1	O. L. McKay.	do.	1.50
1	E. Burke.	do.	3.00
1	Walter O. Luscombe.	Carting.	2.50
1	Wm. H. Goffin.	Repairing telegraph line.	5.00
1	John Glynn.	do.	5.50
2	Church Stephenson.	Lumber.	23.22
2	W. W. Dent.	Expenses.	4.10
2	H. F. Alciatore.	Drayage.	1.50
2	W. J. Tate.	Forage.	29.25
2	F. L. Graham.	Expenses.	7.80
2	F. Rees Woolford & Co.	Oil and benzine.	1.00
3	D. Fisher.	Traveling expenses.	30.66
2	Wisconsin Marine and Fire Insurance Co. Bank.	Rent of office, Milwaukee, Wis.	163.75
2	W. H. Richardson.	Mucilage and hauling.	1.25
2	Park Morrill.	Painting and repairing.	5.05
2	J. C. Entwistle.	Engraving and mounting charts.	5.00
2	Wisconsin Telegraph Co.	Telephone exchange rental.	12.00
2	B. P. Nickerson.	Repairing telegraph lines and use of team.	6.50
2	G. W. Leberman.	Repairs to flagstaff.	2.50
2	Chas. E. Redell.	do.	2.50
2	Geo. Yandell.	Changing position of instrument shelter.	3.00
2	B. W. Dalby.	do.	3.00
2	John Lanigan.	do.	3.00
2	Galveston Cotton Exchange.	Rent of office, Galveston, Tex.	78.25
2	D. P. McCallum.	Expenses.	7.13
2	Geo. A. Loveland.	do.	6.40
5	Kohler Manufacturing Co.	Duplicating ink.	134.40
5	Chas. M. Stoever.	Map paper.	495.00
5	G. G. Robissar.	Services.	3.00
5	D. H. Holmes.	Envelopes.	1.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 5	O. D. Stewart	Hauling, etc.	\$2.90
5	Park Morrill	Washing towels, drayage, etc.	3.70
5	A. F. Green	Roller, type cleaner, etc.	4.35
5	M. H. Lazarus	Water cooler	4.25
5	Harry Myers	Typewriter	87.75
5	John J. Veedor	Telegraph poles, etc.	35.00
5	Chas. F. Gregor	Services as cleaner	5.00
5	John Edwards	do	3.00
5	Pay roll, New York City	Substation salaries	61.00
5	Ellen Hammond, trustee	Office rent, Detroit, Mich.	637.50
5	W. M. Case	Services	40.00
5	Will A. Van Duzer	do	20.00
5	Sarah A. Crittenden	do	1.50
5	J. M. Cox	do	1.50
5	New England Telegraph and Telephone Co.	Rent of telephone, Portland, Me.	12.50
5	do	Service of telephone, Portland, Me.	10.21
5	D. P. McCallum	Traveling expenses	24.20
5	G. C. Farley	Repairing typewriter	5.15
5	Henry G. B. Sunihoe	Services	30.00
5	W. S. Gosnell	do	5.00
5	Salt Lake Board of Trade	Office rent, Salt Lake City	137.50
5	John C. Parker	Paper, etc.	981.60
7	Cape Horn Telegraph Co.	Telegrams	1.60
7	Cumberland Telegraph and Telephone Co.	do	55.90
7	Baltimore and Potomac R. R. Co	Freight charges, etc.	9.27
7	P. F. Lyons	Carting	1.00
7	Kingwood and Cranberry Telegraph Co.	Telegrams	17.10
7	Leon J. Gloenzer & Co.	Statoscope	90.00
7	Seaboard Air Line	Transportation	20.75
7	Louisville and Bartow Telegraph Line.	Telegrams	2.80
7	Chas. M. Stoever	Paper, etc.	125.93
7	Bay City and Tillamook Telegraph Co.	Telegrams	.70
7	Wyoming Midland Telegraph Co.	Transmitting weather reports	11.20
7	U. G. Purssel	Hauling	1.00
7	Chicago and Northwestern Rwy. Co.	Transportation	2.55
10	Great Northern Telegraph Co. of Canada.	Telegrams	.71
10	Buck Bradley	Repairing typewriter	1.00
10	James Nash Webb	do	15.00
10	The Cincinnati, Hamilton and Dayton R. R. Co.	Transportation	3.30
10	Queen & Co., Incorporated	Repairing microscope	12.75
12	Baltimore and Ohio Southwestern Rwy. Co.	Freight charges	17.54
12	Duluth, South Shore and Atlantic Rwy. Co.	do	2.38
12	Pennsylvania R. R. Co.	do	2.06
12	do	do	1.06
12	Baltimore and Ohio Southwestern Rwy. Co.	do	2.08
12	Richmond and Danville R. R. Co.	do	2.58
12	John H. Starin	do	.90
12	Atchison, Topeka and Santa Fe R. R. Co.	do	28.79
12	The Wabash R. R. Co.	do	1.42
12	Brush Electric Light and Power Co.	Electric lights, Galveston, Tex.	13.75
12	Southwestern Telegraph and Telephone Co.	Telephone service, Galveston, Tex.	12.00
12	Strickland Printing Co.	Printing crop bulletin	13.00
12	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	Freight charges	1.33
12	Omaha and St. Louis Rwy. Co.	do	2.66
12	Baltimore Steam Packet Co.	do	2.31
12	Valentin Montoya	Services	5.00
12	New York Central and Hudson River R. R. Co.	Freight charges	1.58
12	do	do	.83
12	Mary V. E. Pritchett	Services	3.00
12	Richard Titus	do	4.00
12	W. H. Wood & Co.	Office rent, Sacramento, Cal.	25.00
12	Bausch and Lomb Optical Co.	Continental microscope, etc.	134.78
14	J Baumgarten & Sons	I stamp, etc.	5.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 14	Newman & Son	Repairing typewriter	\$6.50
15	O. J. Kormick	Binding weather maps	5.00
15	F. W. Krichelt	Traveling expenses	19.55
15	Postal Telegraph Cable Co.	Telegrams	7.50
15	W. C. Ralph	Painting instrument shelter	1.00
15	A. Losset	Services and material for new instrument shelter	4.00
15	A. Blount	Painting instrument shelter, etc	1.50
15	International Ocean Telegraph Co.	Telegrams	122.12
15	do	do	113.87
15	Benjamin W. Burgess	Work for storm-signal lanterns	2.00
15	Wm. B. Burford	Binding maps	2.50
15	D. B. Fotheringham	Halyards	4.50
15	Philadelphia, Reading and Pottsville Telegraph Co.	Telegrams	7.20
15	P. H. Smyth	Traveling expenses	29.83
15	J. H. Bickford	Services	15.00
15	E. A. Turner	Repairing instrument shelter	.50
15	Sam. Perrin	do	1.50
15	Toilet Supply Co.	Toilet service	1.50
15	Julien P. Friez	Soil tubes, etc	22.50
15	F. P. May & Co.	Waste cotton	42.50
15	Wm. Ballantyne & Sons	Paper, etc	416.50
15	Easton & Rupp	Ink	31.50
15	Milton Whitney	Traveling expenses	2.06
15	Joseph Chilberg	Office rent, Olympia, Wash	26.50
15	Jas. A. Barry	Expenses	21.22
15	A. Losset	Repairs to instrument shelter, etc	1.00
15	Robert Sherrard	Services	3.00
15	Emma Ling	do	10.00
15	Will Mort Small	Painting flagstaff	4.50
15	James E. Worth	Reefing halyards	3.00
15	Memphis Light and Power Co.	Electricity	4.54
15	Geo. Ryneal, jr.	Benzine, etc	1.55
15	F. A. Schneider	Watering can	.35
15	Charles Becker	Turpentine	2.10
15	Henry H. Brown	Petri dishes, etc	10.42
15	Z. D. Gilman	Fruit jars	114.00
15	J. Stewart	Labor	7.88
16	The Friedwald Co.	Wrappers and manila paper	645.90
16	Arkansas Democrat Co.	Printing weekly weather crop bulletin	7.00
16	P. Connor	Street-car tickets	2.50
16	W. H. Veerhoff	Map frames	107.50
18	W. N. French	Services	150.00
18	W. M. Richards	Removing instruments, etc	19.50
18	South Florida Telegraph Co.	Telegram	.20
18	W. M. Wilson	Traveling expenses	40.84
18	F. O. Bailey & Co.	Repairing case	1.00
18	The Chesapeake and Ohio Railway Co.	Transportation	12.00
18	New England Telephone and Telegraph Co.	Telegrams	1.60
18	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegrams	11.78
18	Geo. Meier & Co.	Ink	10.50
18	Wm. McLaughlin	Drayage	10.00
18	G. B. McCoy	Telegrams	6.00
18	F. L. Graham	Expenses	2.45
18	Northern Central Rwy. Co.	Freight charges	1.99
18	J. H. Elliott	Changing position of instrument shelter	3.00
18	Baltimore and Ohio Rwy.	Freight charges	3.82
18	C. H. Mallory & Co.	do	9.91
18	Star Union Line	do	1.41
18	do	do	.67
18	Fremont, Elkhorn and Missouri Valley R. R. Co.	do	.84
18	The Knickerbocker Co.	Ice	5.32
18	Liberty Howard	Cleaning carpet	2.75
18	John C. Goodrich	River gauge	10.00
18	J. C. Entwistle	Engraving chart	5.00
26	John A. Roebling's Sons Co.	Telegraph wire	147.60
26	do	Cable reels	32.00
26	Robert E. Herkam	Traveling expenses	63.55
26	Stout & Schmidt	Hauling	1.00
26	F. H. Drake	Painting and repairing	7.00
26	E. C. Ewer	Repairs, etc.	7.00
26	Norfolk, Albemarle and Atlantic R. R. Co.	Freight charges	.75

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. May 26	Wyoming Midland Telegraph Co.	Telegraph service.....	\$11.40
26	The Wabash R. R. Co.	Freight charges.....	1.94
26	Thomas J. Conry	Drayage.....	5.07
26	Nelson Hughes	Services.....	12.25
26	John Schenck	Frame for milliograph.....	1.50
26	New York Central and Hudson River R. R. Co.	Transportation.....	1.38
26	Leon J. Gloenzner & Co.	Bulbs for thermographs.....	23.22
26	Russell & Irwin	Repairing stove.....	2.00
26	Elizabeth H. Hobbs	Services.....	3.00
26	A. M. Schweich	Hauling.....	1.50
26	F. J. Hart	Services and use of horse.....	5.00
26	W. T. Galliher & Bro.	Lumber.....	7.43
26	The Standard Engraving Co.	Engraving plates.....	75.00
26	J. H. Chesley & Co.	Glue.....	.48
26	F. A. Tschiffely, jr.	Gum arabic, etc.....	14.52
26	Newman & Son	Repairing caligraph.....	5.30
26	Andrew Renz	Sharpening knives.....	3.00
26	E. Morrison Paper Co.	Paper and ink.....	67.75
26	Adams Express Co.	Express charges.....	34.01
26	C. B. Fenton & Co.	Recasting rollers.....	9.00
26	F. P. May & Co.	Brass screws.....	1.76
26	Enterprise Telegraph Co.	Telegrams.....	1.10
26	Tidewater Telephone Co.	Transmitting messages.....	2.00
26	do	do.....	.70
26	Jas. O. Barry	Repairing instrument shelter.....	1.60
26	Baltimore and Ohio Southwestern Rwy. Co.	Transportation.....	14.75
26	Cape Horn Telegraph Co.	Telegrams.....	1.40
26	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do.....	1.06
26	Louisville and Bartow Telegraph Line.	do.....	2.20
26	A. J. Schenck	do.....	8.68
26	F. H. Clarke	Hauling.....	1.50
26	Great Northwestern Telegraph Co. of Canada.	Telegrams.....	120.69
26	Pacific Postal Telegraph Cable Co.	do.....	6.34
26	Northern Central Rwy. Co.	Freight charges.....	1.33
26	Charleston and Savannah Rwy. Co.	do.....	.45
26	Riverside Cartage Co.	do.....	2.65
26	Julien P. Friez	Pens.....	15.00
26	H. A. Morgan	Repairing instrument shelter, etc.....	6.00
26	E. Begnand	do.....	2.00
26	C. P. Babcock	do.....	3.50
26	Herman Baumgarten	Rubber logotypes.....	200.00
26	James B. Lambie	Pins, etc.....	5.85
26	L. M. Howard	Transmitting river reports.....	22.50
26	Telephone and Telegraph Consolidated Co.	Rental of telephone.....	2.89
26	Mount Holly Paper Co.	Linen chart paper.....	52.50
26	C. M. Ling	Repairing iron tripod, etc.....	2.10
26	J. W. Bauer	Drayage, kerosene, etc.....	1.45
26	Frank S. Young	Repairing instrument shelter.....	5.00
26	F. S. Hammond	do.....	6.00
26	J. Coley	do.....	2.50
26	W. F. Roberts	Cleaning writing machine.....	7.00
26	Niobrara Stage Transportation Co.	Transportation.....	16.50
26	P. H. Smyth	Repairing instrument shelters.....	5.05
26	Western Union Telegraph Co.	One message.....	.22
26	W. T. Blythe	Traveling expenses.....	11.97
26	Chas. B. Smith	Repairing roof.....	5.00
26	Silas Carle	Repairing instrument shelter, etc.....	125.00
26	Z. L. Parmelee Co.	One filter jug.....	3.35
26	H. C. Frankenfeld	Cartago.....	.75
26	Charles Fanez	Repairs to instrument shelter, etc.....	5.00
26	Iowa Printing Co.	Binding.....	1.25
26	Forsberg & Murray	Brass ring.....	1.50
26	John Schultzbach	Standard rain gauges.....	136.00
26	W. D. Brace	Carbolic acid.....	.30
28	N. V. Randolph & Co.	Red cloth trays.....	14.00
28	Western Union Telegraph Co.	Telegrams.....	10,337.77
31	Laura F. Hawkins	Salary.....	85.20
31	J. P. Alexander et al.	Salaries.....	122.80
31	L. Winters et al.	do.....	1,893.40
31	W. L. Moore	Expenses.....	43.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 31	W. H. Hammon	Expenses	\$39.00
June 1	Jas. A. Barry	Traveling expenses	5.75
1	Carolina Midland Rwy. Co.	Telegrams	2.50
1	Chicago, Burlington and Northern R. R. Co.	..... do	1.39
1	J. H. Mann	Letter copying books	12.40
1	E. J. Brooks & Co.	Halyards, etc	10.56
1	H. E. Smith	Letterpress copying book	1.30
1	W. W. Wall	Repairs to shelter	6.00
1	David Forrest	Services, etc	3.00
1	Chas. L. Roehm	Binding weather maps	2.50
1	Easton & Rupp	1 bulletin file	1.00
1	James B. Lambie	Brass rods	1.10
1	M. J. Adler	Handsaw	1.40
1	Geo. Ryneal, jr.	Benzine .....	.80
1	Alabama Midland Rwy. Co.	Transportation	10.50
1	Carrie M. Frahm	Services	5.00
1	Talbotton Enterprise Telegraph Co.	Telegrams	1.50
1	Jas. S. Hepburn	Services and material	25.00
1	Pay roll, Charleston, S. C.	Substation salaries	21.30
1	C. H. Burdick	Halyards	1.50
1	J. J. Cassidy	Services	22.50
1	J. I. Lehuherr	Services and material	18.75
1	John McDonald	Erecting wind vane, etc	5.00
1	J. B. Chamberlain	Photo. films	1.55
4	Jacksonville and St. Johns Bar Telegraph Co.	Telegrams	42.43
4	Dennison Manufacturing Co.	Card holders	18.20
4	Geo. Meier & Co.	Ink	11.00
4	Chas. M. Stoever	Paper	67.42
4	International Ocean Telegraph Co.	Telegrams	107.16
4	W. M. Case	Services	29.68
4	Henry G. B. Swinhoe	..... do	31.00
4	Pay roll, New York, N. Y.	Substation salaries	61.00
4	C. P. Babcock	Erecting combined wind vane and anemometer support	12.00
4	Joseph Chilberg	Office rent, Olympia, Wash	12.82
4	do	Services	16.00
4	Edgar Levy	Repairing instrument shelter	2.50
4	J. H. Chesley & Co.	Mallets .....	.60
5	John C. Parker	Index cards, etc	7.00
5	do	Express tags	10.50
5	Western Union Telegraph Co.	Telegrams and rent of cable	10,782.65
9	Valentin Montoya	Services	5.00
9	J. P. Antisdell	..... do	5.00
9	M. E. Blystone	Traveling expenses	9.45
9	W. S. Gosnell	Services	5.00
9	John Edwards	..... do	3.00
9	Will Van Duzer	Moving and repairing instrument shelter	4.00
9	Thos. Sample & Bros.	Transportation	10.90
9	Illinois Central R. R. Co.	Freight charges .....	.77
9	New York Central and Hudson River R. R. Co.	Repairing United States telegraph line	6.00
9	E. C. Ewer	..... do	4.00
9	do	Filters	1.20
9	Eimer & Amend	Traveling expenses	6.00
9	H. C. Frankenfeld	Rain-gauge packing boxes	38.00
9	J. Edward Turton	Millinet	2.32
9	Johnson, Garner & Co.	Lock .....	.40
9	James B. Lambie	Telegrams	19.95
9	New England Telephone and Telegraph Co.	..... do	3.40
9	Chesapeake, Ohio and Southwestern Rwy. Co.	Ink, mucilage, etc	2.50
9	W. H. Wood & Co.	Traveling expenses	26.25
9	W. H. Hammon	Fire pot	1.90
9	The Perry Stove Co.	Street-car tickets	2.60
9	P. Connor	Iron tank	3.50
9	W. M. Whyte & Bro.	5 pounds block tin	2.20
9	Henry McShane Manufacturing Co., of Baltimore City.	Rubber stoppers, kaolin, etc	4.80
9	Z. D. Gilman	Labor	20.25
9	J. Steuart	Ink, etc	1.80
9	Elmore Chase	Repairing telegraph lines	1.50
9	W. L. Robinson	Services	1.50
9	J. A. White	Use of team and repairing telegraph lines	6.00
9	R. C. Orrell	Repairing and removing wind vane, etc	12.00
9	Chas. B. Vetter		

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
June 9	C. F. Gregor	Services	\$5.00
9	Geo. Pryor	do	2.00
9	John J. Veeder	Use of steam launch and repairing telegraph lines.	5.00
9	U. G. Myers	Repairs to clock.	1.00
9	H. G. Shimonek	Reeving halyards	5.00
9	Geo. A. Merithew	Use of team and repairing telegraph lines	3.00
9	Louisville and Nashville R. R.	Freight charges	1.18
9	Great Northern Rwy. Co.	do	.49
9	Northern Pacific R. R. Co.	do	1.17
9	Stuart G. Spier	Typewriter platen	2.00
9	Toilet Supply Co.	Toilet service	1.50
9	Elizabeth H. Hobbs	Services	3.00
9	Mary V. E. Pritchett	do	3.00
9	Northern Central Rwy. Co.	Transportation	9.75
9	United States Express Co.	Expressage	1.25
11	G. H. Willson	Hauling	4.00
11	Henry J. Green	Brass supports for thermometers	27.50
11	Brunty & Breeding	Hauling	.75
11	J. C. Pope	Printing bulletins	7.50
11	A. S. Frierson	Services	15.25
11	Pennsylvania R. R. Co.	Freight charges	.72
11	Vandalia Line	do	3.30
11	Baltimore and Ohio Southwestern Rwy. Co.	do	25.48
11	Chicago, Milwaukee and St. Paul Rwy. Co.	do	8.21
11	do	do	22.75
11	Richard Titus	Services	4.00
11	M. E. Blystone	Expenses	7.85
11	Baltimore and Ohio Southwestern Rwy. Co.	Freight charges	1.52
18	Golding & Co.	Plymouth Rock mailer	12.91
18	Kohler Manufacturing Co.	Ink	4.00
18	John A. Roebling's Sons Co.	Cable reel	10.00
18	Memphis Light and Power Co.	Electricity	4.12
18	G. B. McCoy	Telegrams	6.00
18	Sam'l de Corse	Services	9.50
18	Peter Jones	Hauling	.75
18	J. N. Ryker	Hauling, etc.	1.10
18	Joe Clinch	Repairing rain gauge	.50
18	H. A. Stoddard	Typewriter ribbons	2.00
18	Frank Fiesther	Painting	5.00
18	C. J. Vowinkel	Benzine, etc	1.10
18	P. McCarthy	Oil	2.40
18	Geo. S. Wills	Services	5.70
18	H. A. Vergerson	Repairing chair	1.00
18	Philadelphia, Reading and Pottsville Telegraph Co.	Telegrams	8.20
18	W. L. Moore	Traveling expenses	16.50
18	H. N. E. Gleason	Room and board	3.00
18	Edwin E. Row	Traveling expenses	5.00
18	J. Edw. Turton	Packing boxes, etc	11.40
18	International Ocean Telegraph Co.	Telegrams	703.09
18	Pay roll, Montgomery, Ala.	Substation salaries	139.35
18	Illinois Central R. R. Co.	Freight charges	1.83
18	Northern Pacific R. R. Co.	Transportation	7.00
18	do	do	7.00
18	Atlanta and West Point R. R. Co.	Freight charges	.74
18	Max Wagner	Repairs	1.64
18	H. J. Little	Services	3.00
18	Geo. T. Bedell	Renovating and relaying carpet	4.00
18	J. C. Pope	Binding maps	10.00
19	Kohler Manufacturing Co.	Liquid gum	2.25
19	Homan & Roehl	Packing	10.50
19	Queen & Co., incorporated	Leather washers, etc.	.32
19	Chas. T. Abeles & Co.	Glass	.60
19	Gazette Publishing Co.	Binding maps	3.00
19	Wm. A. Jenkins	Erecting flagstaff	25.00
19	W. P. Wallace	Ink, mucilage, etc.	4.45
19	Baltimore and Ohio R. R. Co.	Freight charges	76.54
19	Forker & Baldwin	Flags	93.64
19	do	do	247.50
19	Delaware, Lackawanna and Western R. R. Co.	Transportation	15.75
19	P. H. Seewald	Cleaning clock	2.00
19	New England Telephone and Telegraph Co.	Telegrams	1.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
June 19	The Talbotton Enterprise Telegraph Co.	Telegrams	\$0.70
19	Hailman Printing Co.	Binding maps	5.00
19	Glineburg & Johnson	Repairs to building, etc.	95.00
19	W. H. Harrah	do	30.00
19	Chas. Becker	Glass	11.50
19	Geo. Ryneal, Jr.	Benzine	.80
19	Fred. A. Schmidt	Rain-measuring sticks	6.00
20	C. Hanford	Mimeograph silk	.90
20	H. E. Smith	Traveling expenses	19.50
20	H. J. Cox	Cartage, etc.	5.45
20	Robert Little	Hauling	.50
20	Levytype Co.	Electrotypes	20.00
20	(G. H. Wilson	Traveling expenses	10.80
20	B. S. Pague	do	13.00
20	F. J. Hart	Use of horse	6.00
20	T. J. Leaton	Binding maps	1.50
20	Henson-Robinson Co.	Repairs	12.00
20	Adams Express Co.	Expressage	16.05
20	United States Express Co.	do	11.35
21	Vandalia Line	Transportation	7.50
21	Franklin Printing Co.	Binding books	3.00
21	Baltimore and Ohio R. R. Co.	Transportation	11.40
21	C. A. Smith	Drayage	.50
21	San Antonio and Aransas Pass Rwy. Co.	Freight	.74
21	Baltimore and Ohio R. R. Co.	do	14.46
21	New York Central and Hudson River R. R. Co.	do	.83
21	Geo. A. Loveland	Expressage	1.85
21	Chicago, Burlington and Northern R. R. Co.	Telegrams	1.41
21	Greg. G. Wright & Son	Recasting roller	2.25
21	Isaac W. Brewer	Traveling expenses	1.50
21	Nelson Hughes	Services	3.50
21	Pennsylvania R. R. Co.	Transportation	3.75
21	Geo. W. Knox Express	Freight and drayage	1.92
25	N. T. Bryant	Services	9.20
25	W. C. Marston	do	25.00
25	Pay roll, Nashville, Tenn.	Substation salaries	63.00
25	D. B. Logan	Services	6.10
25	J. E. A. Harris	do	10.00
25	W. B. Phillips	Painting	5.00
30	J. P. Alexander et al.	Salaries	118.60
30	L. Winters et al	do	
30	Laura F. Hawkins	Salary	82.40
	Total fourth quarter		55,362.08
	<i>Supplemental.</i>		
July 2	Marietta Abbey	Bulletin boards	28.00
2	Chas. Cooper & Co.	Ammonia	5.25
2	Queen & Co., incorporated	Thermometers	425.00
2	The Ohio Valley Telephone Co.	Telephone service	10.94
2	Edward Drinkwater	Telegraph poles	350.00
2	Curtis & Curtis	Machine	71.25
2	Louisville and Nashville R. R.	Freight charges	1.04
2	Narragansett Pier R. R. Co.	do	1.97
2	Richmond and Danville R. R. Co.	do	1.55
2	Pacific Postal Telegraph Cable Co.	Telegrams	12.34
2	John H. McNeely	Services	15.25
2	Great Northwestern Telegraph Co. of Canada.	Telegrams	145.92
2	C. S. Clinton	Cleaning thermograph	1.00
2	E. B. Dunn	Mucilage	1.50
2	Wm. Norrington	Freight charges	.50
2	W. E. Williams	Frame	2.50
2	Baltimore and Ohio R. R. Co.	Transportation	6.45
2	P. H. Smyth	New roof, etc.	2.25
2	C. C. Allen	Services	12.50
2	W. F. Macy	do	2.00
2	Wyoming Midland Telegraph Co.	Weather reports and messages	10.80
2	New York Central and Hudson River R. R. Co.	Freight charges	2.51
2	F. L. Lord	Printing bulletins	36.00
2	Church & Stephenson	Lumber	8.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. July 2	John Schultzbach	Rain gauges	\$40.80
2	Newman & Son	Repairing caligraph	5.00
2	J. H. Mills & Co.	Printers' supplies	.52
2	E. J. Pullman	do	6.43
2	Wilmarth & Edmonston	Repairs to filter	1.00
2	Fisher & Johnson	Tin boxes	5.50
3	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegrams	14.09
3	R. J. Hyatt	Repairing rain gauge	2.35
3	J. H. Smith	Repairing clock	1.00
3	A. E. Hackett	Lumber, nails, etc	1.60
3	Cincinnati, New Orleans and Texas Pacific Rwy. Co.	Transportation	21.00
3	H. B. Dick	Traveling expenses	5.25
3	Milton Whitney	do	35.18
3	do	do	14.15
3	J. C. Entwistle	Engraving	5.00
3	Western Union Telegraph Co.	Messages	10,591.12
14	The Seattle Transportation Co.	Hauling	1.00
14	Henry J. Green	Thermometers	86.25
14	Sunset Telephone and Telegraph Co.	Telephone rent	15.00
14	Chesapeake, Ohio and Southwestern Rwy. Co.	Telegrams	1.90
14	Postal Telegraph Cable Co.	Messages	7.34
14	Dennison Manufacturing Co.	Card holders	18.20
14	J. P. Slaughter	Traveling expenses	6.75
14	W. H. Dorrington	Repairing rain gauges	2.00
14	Sunset Telephone and Telegraph Co.	Telephone rent	8.00
14	A. L. Wolland	Packing	4.00
14	W. H. Hammon	Traveling expenses	29.05
14	E. E. Howes	Use of team	3.00
14	do	do	2.00
14	John Grover	Meals	5.00
14	J. C. Pope	Printing bulletin	6.00
14	Emma Ling	Services	10.00
14	D. H. Washburn	Battery	17.00
14	J. C. Entwistle	Rags	8.00
14	Julius Lansburgh	Cleaning carpet	3.32
14	J. W. Bauer	Ice	3.00
14	Louisville and Bartow Telegraph Co.	Messages	2.60
14	Chas. Davis	Traveling expenses	16.55
14	E. Lien	Moving instrument shelter	5.00
14	Wilmington, Columbia and Augusta R. R. Co.	Transportation	7.34
14	Wilmington and Weldon R. R. Co.	do	5.50
14	Interocean Telegraph Co.	Telegrams	88.14
14	Geo. Hass Hagen	Coal oil, benzine, etc.	.70
14	Carolina Midland Rwy. Co.	Telegrams	2.61
14	T. B. Catron	Rent	105.00
14	E. L. Stillman	Hauling	1.00
14	Central Union Telephone Co.	Telephone rent	81.00
14	Carrie M. Frahm	Services	5.00
14	Robt. Leitch & Sons	Discs	.72
14	Herman Baumgarten	Rubber type, etc	5.00
14	J. Steuart	Labor	18.75
14	Chas. B. Smith	Repairs	3.00
14	F. L. Graham	Drayage, etc.	.75
14	O. D. Stewart	Olive oil, etc.	.75
14	Chas. Stewart	Signal oil	.60
14	L. N. Jesunofsky	Drayage	.30
14	John A. Townsend	Services	27.00
14	Pay roll, New Haven, Conn.	Substation salaries	76.50
14	Geo. M. Chappel	Drayage	.50
14	Norman B. Conger	Traveling expenses	35.75
14	Wm. Edmondson	Oil and matches	1.05
14	Pay roll, Charleston, S. C.	Substation salaries	97.90
14	Henry Burmeister	Repairing thermograph clocks	20.00
14	Philadelphia and Reading R. R. Co.	Transportation	4.48
16	MacKellar, Smiths & Jordan Foundry	Brass galley	3.61
16	Pay roll, Jacksonville, Fla.	Substation salaries	45.00
16	Pay roll, Lynchburg, Va.	do	30.00
16	Pay roll, Wilmington, N. C.	do	48.00
16	Pay roll, Davenport, Iowa.	do	152.55
16	Pay roll, Woods Holl, Mass.	do	60.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
July 16	Thos. C. Anthony	Services	\$25.00
16	Pay roll, New York, N. Y.	Substation salaries	61.00
16	John J. Veeder	Use of boat, etc	2.00
16	Jos. Lawrence	Services	21.00
16	E. H. Emery	Telephone service	1.50
16	New York, Lake Erie and Western R. R. Co.	Transportation	18.00
16	P. Connor	Street-car tickets	2.60
16	Samuel Groh	Repairing telegraph line	7.00
16	Thos. Somerville & Son	Shaft, etc.	1.15
16	Goodyear Rubber Co.	Cots, etc	2.10
16	Chas. C. Moore, jr.	Traveling expenses	4.06
17	James Kenealy	Drayage, etc.	1.50
17	Jas. M. Gallagher	Services	15.00
17	Pay roll, Boston, Mass.	Substation salaries	432.75
17	Park Morrill	Drayage, etc.	3.15
17	Memphis Light and Power Co.	Electricity	3.20
17	Fred. L. Johnson	Drayage	.75
17	Great Southern Telephone and Telegraph Co.	Telephone service	23.40
17	Geo. R. Marquette	Services	17.50
17	Geo. N. Salisbury	Repairing river gauges	1.50
17	Northern Pacific R. R. Co.	Transportation	25.65
17	C. E. Linney	Cartage	.85
17	Pay roll, Chattanooga, Tenn.	Substation salaries	72.10
17	Wm. Line	Cartage	.25
17	Pay roll, Augusta, Ga.	Substation salaries	34.80
17	Pay roll, Nashville, Tenn.	do	63.70
17	M. Silverberg & Co.	Belt molding	6.48
17	Herman Baumgarten	Logotypes	124.00
17	Western Union Telegraph Co.	Messages, etc.	10,982.16
20	Pay roll, New Orleans, La.	Substation salaries	288.80
20	W. M. Wilson	Repairing instrument shelter	2.25
20	Joseph Chilberg	Services	30.00
20	George S. Bartlett	do	10.00
20	Will Van Duzer	do	20.00
20	T. W. Rue	do	30.00
20	Wm. A. Johnson	do	30.00
20	Henry G. B. Swinhoe	Services, etc.	30.00
20	John J. Veeder	Use of boat	3.00
20	do	Substation salaries	106.20
20	Pay roll, Wilmington, N. C.	do	36.00
20	Pay roll, Savannah, Ga.	do	180.20
20	R. H. Polk	Services	30.00
20	C. L. Crocker	do	30.00
20	Chas. A. Kimball	Services	12.50
20	Pay roll, Omaha, Nebr.	Substation salaries	60.75
20	New England Telephone and Telegraph Co.	Messages	2.30
20	J. M. Cline	Drayage, etc.	1.40
20	G. B. McCoy	Telegraphing	6.00
20	Pay roll, Charleston, S. C.	Substation salaries	60.80
20	Pay roll, Augusta, Ga.	do	136.80
20	Philadelphia, Reading and Pottsville Telegraph Co.	Messages	7.70
20	Lenoir and Blowing Rock Telegraph Co.	do	7.20
20	Geo. W. Felger	Drayage	.50
20	R. J. Hyatt	do	.50
20	J. B. Marbury	Washing towels	1.80
20	Cumberland Telephone and Telegraph Co.	Messages	59.30
20	C. Endress & Sons	do	7.50
20	Oregon Telephone and Telegraph Co.	Telephone service, etc.	11.80
20	James H. Powe	Services	1.00
20	James Kenealy	Car tickets	2.60
20	Fred. Z. Gosewisch	Drayage, etc.	1.25
20	J. C. Cammer	Services	5.26
20	Pay roll, St. Paul, Minn.	Substation salaries	49.75
20	F. H. Brandenburg	Lodging and meals	3.00
20	Ben. T. Rochester	Services	.50
20	L. W. Garner	do	.50
20	Amasa S. Dyer	do	30.00
20	Erastus Huntington	do	13.50
20	John C. Webb	do	.50
20	A. J. Mulligan	do	27.00
20	A. Ashenberger	Drayage	.50
20	Pay roll, Mobile, Ala.	Substation salaries	45.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. July 21	Pay roll, Vicksburg, Miss.	Substation salaries	\$160.60
21	Pay roll, New Orleans, La.	do	258.75
21	Pay roll, Montgomery, Ala.	do	90.80
21	Pay roll, Raleigh, N. C.	do	114.10
21	Pay roll, Mobile, Ala.	do	60.80
24	The Friedenwald Co.	Weather maps	1,798.00
24	Pay roll, Mobile, Ala.	Substation salaries	60.80
24	The Cen. Dist. and Printing Co.	Telephone messages	1.00
24	Max Wagner.	Boarding and lodging	5.00
24	Pay roll, St. Louis, Mo.	Substation salaries	218.40
24	Wyoming Midland Telegraph Co.	Sending weather reports	12.00
24	Colorado Midland R. R. Co.	Freight	.25
24	Atchison, Topeka and Santa Fe R. R. Co.	do	6.27
24	Northern Pacific R. R. Co.	do	1.12
24	do	do	.54
24	Chicago, Burlington and Quincy R. R. Co.	do	32.60
24	do	do	37.81
24	do	do	.95
24	do	do	3.20
24	do	do	1.13
24	Pennsylvania R. R. Co.	do	1.42
24	International and Great Northern R. R. Co.	do	.82
24	Flint and Pere Marquette R. R. Co.	do	.61
24	Star Union Line.	do	4.00
24	do	do	.65
24	Illinois Central R. R. Co.	do	1.49
24	Michigan Central R. R. Co.	do	6.58
24	Pay roll, Atlanta, Ga.	Substation salaries	134.40
27	R. Goffin	Services	9.00
27	Valentin Montoya	do	5.00
27	Thos. Cleary	do	9.00
27	Mary V. E. Pritchett	do	3.00
27	Dexter Horton	Rent	90.00
27	Walker & Hall	do	70.00
27	The Columbian Building Co.	do	87.50
27	L. M. Howard	Transmitting messages	37.50
27	do	do	20.50
27	Geo. S. Waite	Rent	103.86
27	R. McLaughlin	do	78.04
27	R. S. Dodson	do	131.25
27	Fresno Loan and Savings Bank	do	100.00
27	Owen Farley	Services	5.00
27	Charles Ingalls	do	4.75
27	Galveston Cotton Exchange	Rent	58.25
27	East Louisiana R. R.	Transmitting messages	7.00
27	Pay roll, Cincinnati, Ohio	Substation salaries	308.90
27	Chamber of Commerce Building Co.	Rent	75.21
27	Pythian Land and Building Association	do	66.25
27	James Baker	do	68.75
27	Z. D. Gilman	Flasks, files, stoppers, etc.	251.12
27	do	Chemicals	52.98
27	Virgie Dorsett	Making sacks	13.36
27	Parsons & Derge Book Co.	Ink, mucilage, benzine, etc.	6.85
27	John Edwards	Services	3.00
27	C. F. Gregor	do	5.00
27	W. S. Gosnell	do	5.00
27	Stout & Schmidt	Hauling	1.25
27	Teche and Vermillion Telephone Line.	Transmitting messages	23.10
27	Rising Sun Telegraph Line	do	8.00
27	The Chicago and Alton R. R. Co.	Transportation	13.62
27	Indian River Steamboat Co.	do	5.20
27	Robert H. Callahan	Services	30.00
27	Chicago, Milwaukee and St. Paul Ryw. Co.	Freight	1.21
27	do	do	2.94
27	Baltimore and Ohio R. R. Co.	do	27.78
27	Pacific Coast Steamship Co.	do	.69
27	Hannibal and St. Joseph R. R. Co.	do	4.95
27	Baltimore and Ohio Southwestern Ryw. Co.	do	5.87
27	Northern Pacific R. R. Co.	do	.14

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
July 27	St. Louis, Keokuk and North-western R. R. Co.	Freight.....	\$2.50
27	New York, New Haven and Hartford R. R. Co.	.....do.....	15.44
27	J. W. Branan	Services.....	15.00
27	E. J. Gifford	.....do.....	15.25
27	J. H. Bickford	.....do.....	15.00
27	H. M. Drinkwater	Repairing telegraph line.....	5.00
27	Pay roll, Narragansett Pier, R. I.	Substation salaries.....	60.00
27	Goodyear Rubber Co	Rubber balls.....	3.90
27	John C. Parker	Shipping tags.....	26.25
31	C. B. Fenton & Co.	Summer composition.....	10.00
31	J. C. Hayden	Traveling expenses.....	7.50
Aug. 2	Z. D. Gilman	Cots, etc.....	19.50
2	Thos. Somerville & Sons	Brass tubes.....	31.50
2	.....do.....	.....do.....	42.00
3	Pay roll, Harrisburg, Pa.	Substation salaries.....	41.17
3	Pay roll, Cairo, Ill.	.....do.....	256.75
3	Pay roll, Memphis, Tenn.	.....do.....	172.80
3	Pay roll, Atlanta, Ga.	.....do.....	240.95
3	Pay roll, Vicksburg, Miss.	.....do.....	76.00
3	Pacific Club	Rent.....	76.50
3	Geo. W. Knox Express	Freight.....	.73
4	M. J. Adler	Tool handles, etc.....	3.60
4	E. Morrison Paper Co.	Wood cut, paper, etc.....	244.10
4	F. P. May & Co.	Muslin.....	.40
4	Levytype Co.	Electrotype plate.....	3.00
4	Goodyear Rubber Co.	Cots.....	11.25
4	.....do.....	Crutch tips, etc.....	.75
4	Pay roll, Pittsburg, Pa.	Substation salaries.....	497.90
4	Pay roll, Chicago, Ill.	.....do.....	681.00
7	J. T. Brown	Rent.....	37.50
7	Samuel B. Smith	Repairs to telegraph line.....	.98
7	W. H. Renear	Use of teams.....	14.40
7	Axel Wiktorin	Services.....	1.00
7	E. G. R. Powell	Board.....	3.00
7	E. E. Howes	Board and team.....	2.75
7	C. L. Crocker	Use of boat.....	3.00
7	Portland Trust Co. of Oregon	Rent.....	150.00
7	John H. Evans	Services.....	3.00
7	Talbotton Enterprise Telegraph Co.	Telegrams.....	1.50
7	Homer J. Hart	Repairing telegraph line.....	2.00
7	M. Cotter	Use of horse and cart.....	31.25
7	T. J. Tillett	.....do.....	1.75
7	Homer W. Styron	Rent.....	33.62
7	First National Bank of Sault Ste. Marie, Mich.	.....do.....	85.75
7	F. M. Brown & Co.	.....do.....	100.00
7	Wm. Crawford	.....do.....	30.00
7	Davidson & Joseph	.....do.....	81.25
7	P. Laveaga, county treasurer	.....do.....	67.00
7	Baer & Bloch	.....do.....	87.50
7	Thomas Sweeney	.....do.....	75.00
7	Cone & Kimball Co.	.....do.....	100.99
7	J. H. Lascelles, treasurer	.....do.....	142.06
7	Southern Bell Telephone and Telegraph Co.	Rent of telephone.....	15.00
7	W. T. Gentry, manager Atlantic Telephone Exchange	.....do.....	17.00
7	First National Bank, Palestine, Tex.	Rent.....	78.50
7	W. L., R. A., and E. H. Andres	.....do.....	59.32
7	Lydia C. Cobb	Window shades.....	2.00
7	Missouri and Kansas Telephone Co.	Telephone service.....	12.00
7	Pacific Telephone and Telegraph Co.	Rent of telephone.....	22.50
7	Telephone and Telegraph Construction Co.	.....do.....	5.00
7	New England Telephone and Telegraph Co.	.....do.....	12.50
7	Alamo Fire Insurance Co.	Rent.....	67.50
7	Geo. McBryde	Hauling.....	.50
7	Southern Bell Telephone and Telegraph Co.	Rent of telephone.....	15.00
7	Richard Titus	Services.....	4.00
7	Will D. Oldham	Cleaning river gauge.....	3.00
7	James Higgins	Services.....	15.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Aug. 7	Louisville and Bartow Telegraph Line.	Messages.....	\$2.60
7	Kate E. Reynolds	Services.....	15.00
7	E. A. Hamner	Drayage.....	2.22
7	James Evans	Services.....	9.00
7	Elizabeth H. Hobbs	do	3.00
7	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegrams.....	13.53
7	Chicago, Burlington and Northern R. R. Co.	do	2.44
7	Millbridge and Cherryfield Telegraph Co.	do	5.10
7	Tidewater Telephone Co.....	do	1.10
7	Pay roll, Little Rock, Ark.....	Substation salaries.....	149.80
7	Geo. A. Loveland	Traveling expenses	5.65
7	Charley Hayman	Services	7.50
7	Bay City and Tillamook Telegraph Co.	Messages	2.80
7	Frank Bianchi	Services	9.00
7	Sedgwick Building Investment Co.	Rent	90.75
7	Wallawalla Lodge, No. 56, I. O. O. F.	do	84.87
7	Southern Pacific Co.....	Transportation.....	11.80
7	Eimer & Amend	Corks	2.58
7	A. J. Schenck	Messages	6.22
7	New York, New Haven and Hartford R. R. Co.	Transportation.....	5.30
7	American Exchange Bank.....	Rent	114.47
7	Barnard Brown	do	105.00
7	Lorenzo Littlefield	do	42.50
7	Wisconsin Marine and Fire Insurance Co. Bank.	do	163.75
7	Homer J. Hart	Use of horse	4.50
7	Seth I. Davis	Repairing telegraph line	1.00
7	Pay roll, Little Rock, Ark.....	Substation salaries.....	40.95
7	Pay roll, Chattanooga, Tenn.....	do	13.35
7	Pay roll, St. Louis, Mo.....	do	32.10
7	M. W. Etheridge	Transportation.....	7.00
7	Charles De Groff	Rent	9.15
7	E. McKensie	Services	27.00
7	C. E. Persons	do	27.00
7	Chas. Shea	do	30.00
7	H. H. Buhne	Rent	72.41
7	Michigan Bell Telephone Co.....	Distributing reports	456.04
7	Julien P. Friez	Brass castings	4.90
7	Abbie S. Ingalls	Rent	90.95
7	Andrew Renz	Sharpening knives	3.00
7	E. Morrison Paper Co.....	Printing ink	20.00
7	E. J. Pullman	Negative varnish, plates, etc.....	52.02
7	Hugh Reilly	White lead	2.00
7	Barber & Ross	Lumber	10.96
7	J. C. Entwistle	Engraving	5.00
7	do	do	10.00
7	B. S. Pague	Boat hire	8.60
11	S. M. Apperson, administrator.....	Rent	104.55
11	Bohlen Huse Machine and Lake Ice Co.	Ice	4.58
11	W. H. Renear	Use of teams, etc	14.40
11	H. P. Christensen	Repairing map frames	1.00
11	Oregon Ice Co	Ice	3.00
11	Troy Steam Laundry Co	Washing towels	1.50
11	Hockenjos Bros	Instrument shelter	75.00
11	Flexner Bros	Ink and mucilage	4.90
11	Louisville Towel Supply Co	Soap and towels	3.00
11	Campbell & Gregg	Towel supply	3.00
11	Astoria Gaslight Co	Gas	1.46
11	Commercial Printing House	Trimming bulletins	2.00
11	Barney Flynn	Ice	1.50
11	Union Ice Co	do	6.75
11	H. W. Blaisdell	Water	9.00
11	A. A. Finck	Printing bulletins	13.00
11	Brush Electric Light and Power Co.	Electricity	13.75
11	East Tennessee, Virginia and Georgia Rwy. Co.	Messages	1.20
11	C. E. Brown	Ice	7.28
11	Moosehead Lake Telegraph Co	Telegrams	7.90
11	Little Northern Telegraph Co	Transmitting weather reports	50.00
11	Joseph A. Smith	Rent	90.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Aug. 11	Toilet Supply Co.	Washing towels	\$1.50
11	Great Southern Telephone and Telegraph Co.	Exchange service, etc.....	25.00
11	Weakley & Shields, agents for Vanderbilt University.	Rent	112.50
11	H. H. Taylor, agent	do	300.00
11	F. L. Jackson, agent	do	45.00
11	Henry J. Green	Thermometers	90.00
11	do	do	4.75
11	do	do	200.00
11	MacKellar, Smiths & Jordan Foundry.	Printing materials	30.16
11	Pascual Moreno	Services	5.27
11	D. S. Hutchinson	Rent	85.74
11	The Bell Telephone Co., of Philadelphia.	Use of telephone, etc	30.00
11	Chas. E. Bryant, receiver, for Alliance Building.	Rent	78.25
11	Paul Wilson	do	84.00
11	Matt Borland	do	90.00
11	A. P. Eagleston	do	65.00
11	Geo. French	do	86.37
11	First National Bank, Bismarck, N. Dak.	do	87.50
11	L. G. Nesmith	do	120.00
11	Margaret Parmentier	do	75.00
11	East Tennessee Telephone Co.	Telephone service	15.00
11	E. A. Clarke & Co.	Rent	77.82
11	Henry Bolton	do	52.84
11	Telephone and Telegraph Construction Co.	Rent of telephone, etc	24.00
11	The Northwestern Telephone Exchange Co.	do	18.00
11	do	do	18.00
11	The Central District and Printing Telegraph Co.	do	15.00
11	Oregon Telephone and Telegraph Co.	do	22.50
11	The Bell Telephone Co. of Missouri.	do	16.25
11	Arkansas Democrat Co.	Printing bulletins	9.00
11	Wisconsin Telephone Co.	Telephone service	15.00
11	do	Rent of telephone	12.00
11	The Central District and Printing Telegraph Co.	do	12.50
11	Southern Bell Telephone and Telegraph Co.	Transmitting reports, etc	15.00
11	Southern New England Telephone Co.	Rent of telephone	15.00
11	Southwestern Telegraph and Telephone Co.	Telephone service	12.00
11	Lake Providence, Madison and Tensas Telephone Co.	do	95.00
11	John C. Parker	Eyelets	1.50
11	Geo. Ryneal, jr.	Varnish, paint, etc	3.20
11	Henry H. Brown	Laboratory supplies	176.21
11	James B. Lambie	do	4.25
11	The Norris Peters Co.	do	42.50
13	Southern Bell Telephone and Telegraph Co.	Rent of telephone	15.00
13	Black Hills Telegraph and Telephone Co.	Rent and service of telephone	21.00
13	J. W. Thompson	Rent of telephone	15.00
13	New York and Pennsylvania Telephone and Telegraph Co.	Telephone service	6.00
13	The Empire State Telephone and Telegraph Co.	do	28.50
13	Sunset Telephone and Telegraph Co.	Rent of telephone	15.00
13	Telephone and Telegraph Construction Co.	do	12.00
13	The South New England Telephone Co.	Use of telephone	31.25
13	The Bell Telephone Co. of Buffalo.	Rent of telephone	17.50
13	Hudson River Telephone Co.	Use of telephone	15.00
13	Iowa Union Telephone Co.	Rent of telephone	12.00
13	Northwestern Telephone Exchange Co.	do	18.00
13	Chicago Telephone Co.	Telephone service	21.25

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Aug. 13	Nebraska Telephone Co.	Rent of telephone.....	\$15.00
13	The Cleveland Telephone Co.	Use of telephone.....	18.00
13	Southern Bell Telephone and Telegraph Co.	Rent of telephone.....	15.00
13	Pennsylvania Telephone Co.	.....do.....	21.00
13	Telephone and Telegraph Construction Co.	Use of telephone.....	10.00
13	C. M. Beeson	Rent.....	88.51
13	Great Southern Telephone and Telegraph Co.	Rent of telephone.....	15.00
13	Missouri and Kansas Telephone Co.	Exchange service.....	18.00
13	Great Southern Telephone and Telegraph Co.	Rent of telephone.....	15.00
13	The Erie Telephone and Telegraph Co.	Transmitting weather reports, etc.....	12.00
13	Missouri and Kansas Telephone Co.	Rent of telephone.....	21.00
13	Southern Bell Telephone and Telegraph Co.	Telephone exchange service.....	16.00
13	Duluth Telephone Co.	.....do.....	15.00
13	Denver and Rio Grande R. R. Co.	Transportation.....	4.65
13	Chesapeake and Potomac Telephone Co.	Telephone service.....	25.00
13	P. C. Shaw	Washing towels.....	3.00
13	Bryant, McEachin & Luce	Rent.....	90.41
13	Jno. L. Gideon	Printing bulletins.....	16.50
13	W. H. Garlock & Co	Washing towels.....	2.82
13	F. Chesnut	Ice.....	6.10
13	S. W. Postell	Printing bulletins.....	71.50
13	Standard Ice Co	Ice.....	4.56
13	The Tripod Paint Co	Benzine, etc.....	1.75
13	A. A. Boiles	Cartage.....	4.25
13	Albert Marty	Rent.....	155.33
13	B. Golden	Ice.....	6.00
13	City Gaslight Co. of Norfolk	Electric light.....	5.48
13	S. G. Stevens	Paint.....	1.75
13	John P. Glynn	Hauling.....	3.00
13	Anna Faris	Washing towels.....	5.25
13	J. P. Miller	Ice.....	6.10
13	Grant Rivenburg	.....do.....	2.25
13	E. F. Hallack	Rent.....	150.00
13	Geo. W. Williams	.....do.....	117.93
13	Frances E. Lesslie	.....do.....	75.00
13	The City and Suburban Telegraph Association.	Telephone exchange service.....	25.00
13	The Savannah Board of Trade	Rent.....	78.25
13	S. A. Raymond, agent	.....do.....	175.00
13	Charles R. Wheeler	.....do.....	125.00
13	B. S. Williams	.....do.....	66.00
13	Riley Watson	.....do.....	93.00
13	M. E. Conway	.....do.....	37.74
13	Scovill Manufacturing Co	Aluminium dishes.....	23.00
13	The Lawrence Publishing Co.	Printing bulletins.....	12.00
13	E. Biondi	Services.....	30.00
13	Webb Bros	Window shades.....	4.50
13	Stock Growers' National Bank	Rent.....	54.00
13	B. F. Anderson	Services and material.....	7.50
13	John J. Park	Repairing, etc.....	2.50
13	I. A. Smith	.....do.....	4.20
13	A. J. Grim	.....do.....	3.00
13	Chas. Stietewroth	.....do.....	4.50
13	Staples & Pelan	Rent.....	53.34
13	Real Estate and Law Building Co.	.....do.....	45.49
13	H. Overholser	.....do.....	101.75
13	Electric Supply and Manufacturing Co.	Electric light plant.....	55.00
13	Masonic Temple Association	Rent.....	75.00
13	First National Bank of Moor-head.	.....do.....	66.31
13	Cotton Exchange Building Co.	.....do.....	120.00
13	Salt Lake Board of Trade	.....do.....	100.00
13	Amarillo Improvement Co.	.....do.....	51.75
13	Chicago, Milwaukee and St. Paul Rwy. Co.	Freight.....	2.96
13	F. E. Warren	Rent.....	91.90
13	Catherine Wilson	.....do.....	104.82
13	E. H. Jamieson	.....do.....	64.20
13	Ed. S. Hughes & Co.	.....do.....	100.62

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Aug. 13	Paine Bros.	Rent	\$73.95
13	Asher Marks, administrator	do	75.50
13	Broadwater Pepin Co.	do	90.00
13	Ellen Hammond	do	212.50
13	Henry Landes	do	59.00
13	A. W. Sawyer	do	172.56
13	John L. and Wm. L. McCagney	do	168.75
13	Emeline W. Look	Boarding two linemen	1.00
13	Wm. H. H. Smith	Use of teams, etc.	26.00
13	First National Bank of Portland, Me.	Rent	126.00
13	Pay roll, Portland, Ore	Substation salaries	81.00
13	Pay roll, Galveston, Tex	do	228.20
13	Pay roll, Oswego, N. Y.	do	81.00
13	Western Union Telegraph Co.	Telegrams	10,000.19
13	do	do	10,754.72
17	Eimer & Amend	Drying oven, etc.	77.12
17	do	Platinum dish, etc.	82.01
17	do	Platinum dishes, etc.	278.46
17	do	Clamps, tongs, etc.	336.08
17	John C. Parker	Paper	124.28
17	H. N. Gifford, assistant treasurer.	Telephone exchange service	18.00
17	Telephone and Telegraph Construction Co.	do	90.00
27	E. Lie n.	Erecting flagstaff	10.00
27	F. L. Cotton	Ice	4.00
27	The Knickerbocker Co.	do	2.73
27	Henry L. Kenyon	Desk room	6.00
27	Telephone and Telegraph Construction Co.	Rent of telephone	2.50
27	National Bank of Commerce	Rent	112.00
27	W. D. Calverley	Services	20.00
27	Chas. De Groff	Moving furniture	10.00
27	Edward M. Boggs	Services	6.00
27	Nicholas Guerovich	Labor and material	17.75
27	Jos. Jery	Services	15.00
27	Lee Fisk	do	3.00
27	F. V. Davis	do	3.00
30	Calvin Hamilton	do	15.10
Sept. 7	Michigan Bell Telephone Co.	Rent of telephone	1.19
7	Great Northwestern Telegraph Co. of Canada	Transmitting messages	121.07
7	Baltimore and Ohio Southwestern Rwy. Co.	Transportation	5.75
7	Missouri Pacific Rwy. Co.	do	7.50
7	Postal Telegraph Cable Co.	Transmitting messages	6.80
7	Pacific Postal Telegraph Cable Co.	do	1.60
7	do	do	.40
7	Chesapeake and Ohio Southwestern R. R. Co.	do	.90
7	John J. McLean	Traveling expenses	18.00
7	Maurice Connell	do	16.00
7	Cascade Steam Laundry	Washing towels	1.20
7	Carolina Midland Rwy. Co.	Transmitting messages	2.61
7	J. H. Mills & Co.	Keys	3.00
7	W. H. Butler	Tallow	4.00
13	Chas. M. Stoever	Map paper	379.28
13	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation	8.00
13	International Ocean Telegraph Co.	Telegraphing	91.69
13	Frank Perry	Telephoning	1.60
13	Michigan Bell Telephone Co.	do	.40
13	Lucius M. Sheldon	Rent	84.42
13	C. F. R. Wappenhaus	Hauling	.60
13	Sam'l Springmann	do	5.82
19	H. G. Cox	do	.50
19	Baltimore and Ohio R. R. Co.	Freight	36.73
19	do	do	18.92
19	do	do	.65
19	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do	5.52
19	Hannibal and St. Joseph R. R. Co.	do	3.29
19	John H. Starin	do	.90
19	C. H. Mallory & Co.	do	5.16
19	John J. Masterson	do	1.50

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 153

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1894. Sept. 19	Merchants and Miners' Transportation Co.	Freight	\$24.13
19	Pennsylvania R. R. Co.	do	1.23
19	Jacksonville, St. Augustine and Indian River Rwy. Co.	do	1.36
19	Baltimore and Ohio Southwestern Rwy. Co.	do	6.37
19	do	do	1.96
19	Thos. J. Conry	Drayage	11.75
19	Baltimore Steam Packet Co.	Freight	2.83
19	do	do	3.25
19	Baltimore and Ohio Southwestern Rwy. Co.	do	2.96
19	do	do	7.25
19	Missouri Pacific Rwy. Co.	do .....	.27
19	do	do	1.41
19	do	do .....	.36
19	St. Louis and San Francisco Rwy.	do .....	.80
19	Northern Pacific R. R. Co.	do	2.75
19	Richmond and Danville R. R. Co.	do	4.76
19	Adolph Schliemann	Washing towels	1.50
21	C. M. Foust	Services	7.00
21	do	do	20.00
21	Atlanta and West Point R. R.	Freight	2.10
21	Pennsylvania R. R. Co.	do	15.86
21	Baltimore and Ohio R. R. Co.	do	19.96
21	Empire Line	do	1.24
21	The Wabash R. R. Co.	do	2.09
21	Pennsylvania R. R. Co.	do	1.85
21	Alabama and Vicksburg Rwy. Co.	do	1.42
21	Texas and Pacific Rwy. Co.	do .....	.70
21	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do .....	.62
21	Southern Pacific Co. (Atlantic system).	do	5.19
21	Isaac W. Brewer	Traveling expenses	15.00
21	A. J. Mitchell	do	8.00
21	Tyree & Wilkins, agents	Rent	67.50
21	Fort Worth and Denver City Rwy.	Telegraphing	21.20
	Total supplemental	Telegraphing and transportation	12,105.49
			79,352.60

RECAPITULATION.

Total first quarter	\$17,976.49
Total second quarter	57,373.27
Total third quarter	62,799.53
Total fourth quarter	55,362.08
Total supplemental	79,352.60
Total	272,863.97

WEATHER BUREAU—GENERAL EXPENSES—SALARIES.

Date.	Name.	Nature of payment.	Total.
1893. Aug. 1	A. Ashenberger	Salary for July	\$82.76
1	Chas. Adie	do	65.00
1	F. H. Brandenberg	do	92.83
1	M. H. Bailey	do	50.00
1	Wayland Bailey	do	91.83
1	F. R. Beahan	do	85.00
1	Wm. Bell	do	88.82
1	P. J. Bolton	do	87.82
1	Geo. D. Boucher	do	99.83
1	H. R. Boynton	do	72.76
1	Allen Buell	do	85.76
1	John W. Byram	do	87.83
1	Ford A. Carpenter	do	82.76
1	R. M. Crawford	do	90.00

154 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 1	John H. Clery	Salary for July	\$85.00
1	F. W. Conrad	do	68.76
1	M. E. Conway	do	60.60
1	Maurice Connell	do	103.83
1	Thomas S. Collins	do	92.83
1	H. H. Curley	do	72.76
1	A. J. Davis	do	82.26
1	R. S. Dimmick	do	60.00
1	J. H. Donaldson	do	82.76
1	Louis Dorman	do	82.76
1	E. C. Easton	do	82.76
1	W. M. Edmondson	do	102.83
1	S. C. Emery	do	89.83
1	Jos. P. Fallihee	do	60.60
1	John Fitzgerald	do	93.83
1	R. O. Grant	do	91.83
1	H. W. Grasse	do	50.50
1	Thos. Gibson	do	101.83
1	Fred Z. Gosewisch	do	89.83
1	John Grover	do	85.76
1	Otto B. Hart	do	60.00
1	A. E. Hacket	do	84.20
1	Geo. Hass Hagen	do	88.83
1	H. P. Hardin	do	82.76
1	R. M. Hardinge	do	84.20
1	M. L. Hearne	do	100.00
1	E. C. Hobbs	do	91.83
1	Fred L. Johnson	do	91.83
1	N. D. Lane	do	102.83
1	R. O. Lazenby	do	70.80
1	William Line	do	90.83
1	C. W. Ling	do	82.76
1	John J. McLean	do	102.83
1	J. H. Melton	do	88.83
1	Louis A. Muhlner	do	60.60
1	V. E. Muncy	do	30.00
1	F. Newman	do	100.00
1	William Norrington	do	89.83
1	L. F. Passalaigue	do	87.82
1	M. H. Perry	do	100.48
1	J. C. Piercy	do	90.00
1	U. G. Purssell	do	84.20
1	E. M. Ravenscroft	do	77.82
1	Geo. Reeder	do	80.00
1	W. A. Shaw	do	75.80
1	Chas. Stewart	do	101.83
1	James P. Sherry	do	89.83
1	Chas. A. Smith	do	85.82
1	J. H. Smith	do	84.20
1	Geo. W. Scott	do	72.76
1	Benj. R. Stuart	do	70.80
1	C. H. Stuller	do	52.48
1	L. M. Tarr	do	91.83
1	Geo. T. Todd	do	84.20
1	L. A. Welsh	do	93.83
1	F. T. Williams	do	90.00
1	J. R. Williams	do	103.83
1	R. O. Williams	do	40.40
1	H. E. Wilkinson	do	102.83
1	G. H. Willson	do	102.83
1	Geo. B. Wurtz	do	82.76
1	H. McP. Baldwin et al	Salaries for July	114.20
1	Park Morrill et al	do	387.59
1	W. T. Blythe et al	do	125.60
1	D. Fisher et al	do	153.83
1	Alfred F. Sims et al	do	172.96
1	W. H. Fallon et al	do	185.66
1	Wm. Davis et al	do	157.59
1	J. Warren Smith et al	do	545.92
1	D. Cuthbertson et al	do	267.60
1	L. N. Jesunofsky et al	do	164.43
1	E. H. Emery et al	do	156.58
1	L. M. Pindell et al	do	157.59
1	I. G. Gardiner et al	do	117.83
1	W. B. Stockman et al	do	339.96
1	H. C. Frankenstein et al	do	751.88
1	S. S. Bassler et al	do	447.44
1	H. A. McNally et al	do	105.00
1	J. H. Harmon et al	do	121.10
1	Chas. M. Strong et al	do	422.46

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 1	F. J. Walz et al.	Salaries for July.	\$170.59
1	J. J. Gilligan et al.	do	253.29
1	Geo. M. Chappell et al.	do	353.52
1	Edward A. Evans et al.	do	336.76
1	B. H. Bronson et al.	do	216.16
1	D. C. Murphy et al.	do	157.59
1	Peter Wood et al.	do	171.10
1	J. J. O'Donnell et al.	do	60.60
1	I. M. Cline et al.	do	291.76
1	C. P. Cronk et al.	do	336.95
1	Geo. W. Felger et al.	do	150.43
1	H. B. Dick et al.	do	106.20
1	W. E. Butler et al.	do	144.80
1	Frank Ridgway et al.	do	191.70
1	E. J. Glass et al.	do	148.43
1	Samuel W. Glass et al.	do	229.16
1	C. F. R. Wappenheim et al.	do	367.60
1	E. R. Demain et al.	do	173.63
1	A. J. Mitchell et al.	do	170.52
1	H. B. Boyer et al.	do	120.00
1	J. D. Blagden et al.	do	94.06
1	Henry Pennywitt et al.	do	103.83
1	W. U. Simons et al.	do	166.96
1	F. H. Clarke et al.	do	270.76
1	George E. Franklin et al.	do	122.83
1	Frank Burke et al.	do	324.52
1	J. N. Ryker et al.	do	191.99
1	Henry R. Patrick et al.	do	90.80
1	W. M. Wilson et al.	do	247.49
1	W. L. Moore et al.	do	429.96
1	E. A. Beals et al.	do	111.20
1	S. L. Dosher et al.	do	195.59
1	Jas. A. Barry et al.	do	152.96
1	J. B. Marbury et al.	do	263.92
1	B. A. Blundon et al.	do	200.44
1	E. W. McGann et al.	do	131.40
1	H. J. Cox et al.	do	156.93
1	R. E. Kerkann et al.	do	391.12
1	E. B. Dunn et al.	do	673.82
1	A. B. Crane et al.	do	144.80
1	Jas. I. Widmeyer et al.	do	111.20
1	Geo. E. Hunt et al.	do	378.59
1	Julius G. Linsley et al.	do	157.59
1	H. F. Alciatore et al.	do	95.00
1	W. W. Dent et al.	do	161.70
1	L. M. Dey et al.	do	392.12
1	U. G. Myers et al.	do	215.66
1	O. D. Stewart et al.	do	197.10
1	E. P. Jones et al.	do	181.96
1	W. C. Roberson	Salaries for July 8 to 31.	23.23
1	B. S. Pague et al.	Salaries for July	335.20
1	C. F. von Herrmann et al.	do	165.60
1	Arthur L. White et al.	do	128.23
1	Geo. N. Salisbury et al.	do	167.59
1	P. H. Smyth et al.	do	159.80
1	H. B. Hersey et al.	do	152.43
1	Jas. A. Barwick et al.	do	164.43
1	P. T. Jenkins et al.	do	430.26
1	W. H. Hammon et al.	do	480.48
1	P. F. Lyons et al.	do	271.76
1	B. F. Hough et al.	do	154.53
1	C. L. Bozzell et al.	do	108.83
1	John Craig et al.	do	219.19
1	Thos. J. Considine et al.	do	112.06
1	J. E. Lanouette et al.	do	163.43
1	E. A. Hammer et al.	do	177.96
1	T. B. Jennings et al.	do	118.83
1	Wm. Burrows et al.	do	123.26
1	W. W. Neifert et al.	do	90.80
1	R. J. Hyatt et al.	do	355.36
1	T. P. Chaffee et al.	do	225.03
1	J. P. Slaughter et al.	do	133.82
1	P. Connor et al.	do	261.28
1	R. L. Anderson	Salary for July	50.50
1	Hannah D. Chaffee	Salary for July 15 to 31	27.00
1	S. R. Wright	Salary for July 18 to 31	9.03
1	Wm. Schlomer	Salary for July 26 to 31	2.90
1	Paul Daniels	Salary for July	89.83
1	T. R. Ryan	Salary for July 1 to 8	15.65
1	W. B. Blythe	Salary for Aug. 1 to 10	17.93

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Aug. 11	J. A. Lawing	Salary for July 26 to 29	\$5.25
11	C. A. Pague	Salary for July	62.00
11	E. E. Carlisle	Salary for July 14 to 23	20.00
17	F. F. Conway	Salary for July	25.00
17	E. C. Seawell	Salary for July 8 to 31	58.00
17	G. McFerrin	Salary for July	62.00
17	Joseph F. Henry	Salary for July 8 to 31	48.00
17	F. W. Smith	Salary for July	62.00
17	Robert P. Powell	Salary for July 26 to 29	8.00
18	Orrie L. Wambaugh	Salary for July 9 to Aug. 10	66.00
18	E. F. Hubbert	Salary for July 29 to 31	2.90
18	E. A. Beahan	Salary for July	30.00
22	Louis F. Ranke	Salary for July 20 to 22	7.50
24	Hannah D. Chaffee	Salary for Aug. 1 to 19	33.00
29	E. C. Meredith	Salary for Aug. 6 to 28	45.00
31	R. McKean Barry	Salary for July	54.78
31	Wm. F. Reed, Jr.	Salary for August	60.60
Sept. 1	Chas. Adie	do	65.00
1	F. H. Brudenburg	do	92.83
1	M. W. Bailey	do	50.00
1	Wayland Bailey	do	91.83
1	F. R. Beahan	do	85.00
1	Wm. Bell	do	88.82
1	A. T. Brewer	do	55.60
1	P. J. Bolton	do	87.82
1	Geo. D. Boucher	do	99.83
1	H. R. Boynton	do	72.76
1	Allen Buell	do	85.76
1	John W. Byram	do	87.83
1	W. T. Blythe	do	70.00
1	Ford A. Carpenter	do	82.76
1	R. M. Crawford	do	90.00
1	John H. Clery	do	85.00
1	F. W. Conrad	do	88.76
1	Maurice Connell	do	103.83
1	Thomas S. Collins	do	92.83
1	H. H. Curley	do	72.76
1	R. S. Dimmick	do	60.00
1	Louis Dorman	do	82.76
1	W. M. Edmondson	do	102.83
1	S. C. Emery	do	89.83
1	Jos. P. Fallihee	do	60.60
1	Jno. Fitzgerald	do	93.83
1	H. W. Grasse	do	50.50
1	Thos. Gibson	do	101.83
1	Jno. Grover	do	85.76
1	Fred. Z. Gosewisch	do	89.83
1	Otto B. Hart	do	60.00
1	Geo. Hass Hagen	do	88.83
1	A. E. Hackett	do	84.20
1	H. P. Hardin	do	82.76
1	R. M. Hardinge	do	84.20
1	M. L. Hearne	do	100.00
1	E. C. Hobbs	do	91.83
1	Fred. L. Johnson	do	91.83
1	N. D. Lane	do	102.83
1	R. O. Lazenby	do	70.80
1	Wm. Line	do	90.83
1	C. W. Ling	do	82.76
1	John J. McLean	do	102.83
1	J. H. Melton	do	88.83
1	Louis A. Muhlnier	do	60.60
1	V. E. Muncy	do	30.00
1	F. Newman	do	100.00
1	Wm. Norvington	do	89.83
1	J. J. O'Donnell	do	60.60
1	L. F. Passailaigne	do	87.82
1	C. A. Pague	do	62.00
1	J. C. Piercy	do	90.00
1	U. G. Pursell	do	84.20
1	E. M. Ravenscroft	do	77.82
1	Geo. Reeder	do	80.00
1	J. P. Slaughter	do	73.82
1	Chas. Stewart	do	101.83
1	James P. Sherry	do	89.83
1	Chas. A. Smith	do	85.82
1	J. H. Smith	do	84.20
1	Geo. W. Scott	do	72.76
1	Benj. R. Stuart	do	70.80
1	C. H. Stuller	do	101.83

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 157

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893			
Sept. 1	L. M. Tarr	Salaries for August	\$91.83
	Geo. T. Todd	do	84.20
	L. A. Welsh	do	93.83
	M. J. Wright, jr	do	38.71
	F. T. Williams	do	90.00
	J. R. Williams	do	103.83
	R. O. Williams	do	40.40
	H. E. Wilkinson	do	102.83
	G. H. Willson	do	102.83
	Geo. B. Wurtz	do	82.76
	C. J. Oyler	do	16.00
	Park Morrell et al	do	326.99
	Alfred F. Sims et al	do	172.96
	H. McP. Baldwin et al	do	114.20
	D. Fisher et al	do	153.83
	C. P. Cronk et al	do	210.26
	W. H. Fallon et al	do	185.66
	Wm. Davis et al	do	157.59
	J. Warren Smith et al	do	628.68
	D. Cuthbertson et al	do	267.60
	L. N. Jesunofsky et al	do	164.43
	L. M. Pindell et al	do	157.59
	E. H. Emery et al	do	156.58
	I. G. Gardiner et al	do	117.83
	W. B. Stockman et al	do	339.96
	H. C. Frankenfield et al	do	774.04
	S. S. Bassler et al	do	462.44
	H. A. McNally et al	do	105.00
	J. H. Harmon et al	do	121.10
	Chas. M. Strong et al	do	422.46
	F. J. Walz et al	do	170.59
	J. J. Gilligan et al	do	253.29
	Geo. M. Chappel et al	do	353.52
	Edw. A. Evans et al	do	366.76
	B. H. Bronson et al	do	216.16
	D. C. Murphy et al	do	157.59
	Peter Wood et al	do	171.10
	I. M. Cline et al	do	291.76
	Geo. W. Felger et al	do	150.43
	H. B. Dick et al	do	106.20
	W. E. Butler et al	do	195.30
	Frank Ridgeway et al	do	191.70
	E. J. Glass et al	do	148.43
	S. W. Glenn et al	do	207.00
	C. F. R. Wappenhaus et al	do	367.60
	E. R. Demain et al	do	173.63
	A. J. Mitchell et al	do	170.52
	P. Connor et al	do	354.68
	H. B. Boyer et al	do	120.00
	J. D. Blagden et al	do	94.06
	Henry Pennywitt et al	do	103.83
	W. U. Simons et al	do	166.96
	F. H. Clark et al	do	270.76
	Geo. E. Franklin et al	do	122.83
	Frank Burke et al	do	324.52
	J. N. Ryker et al	do	191.99
	H. R. Patrick et al	do	90.80
	W. M. Wilson et al	do	247.49
	W. L. Moore et al	do	429.96
	E. A. Beals et al	do	201.03
	S. L. Dosher et al	do	195.59
	Jas. A. Barry et al	do	152.96
	M. E. Conway et al	do	85.60
	J. B. Marbury et al	do	263.92
	B. A. Blundon et al	do	234.63
	H. J. Cox et al	do	148.43
	R. E. Kerkam et al	do	391.12
	E. W. McGann et al	do	131.40
	E. B. Dunn et al	do	673.82
	A. B. Crane et al	do	144.80
	J. I. Widmeyer et al	do	111.20
	Geo. E. Hunt et al	do	378.59
	J. G. Linsley et al	do	157.59
	H. F. Alciatore et al	do	95.00
	W. W. Dent et al	do	161.70
	L. M. Dey et al	do	392.12
	U. G. Myers et al	do	156.96
	O. D. Stewart et al	do	288.93
	E. P. Jones et al	do	181.96
	B. S. Pague et al	do	365.20

158 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Sept. 1	C. F. von Hermann et al.	Salaries for August	\$168.43
	Arthur L. White et al.	do	128.23
	P. F. Smyth et al.	do	159.80
	James A. Barwick et al.	do	125.35
	P. T. Jenkins et al.	do	430.26
	Geo. N. Salisbury et al.	do	167.59
	W. H. Hammon et al.	do	397.72
	P. F. Lyons et al.	do	271.76
	C. L. Bozzell et al.	do	108.83
	B. F. Hough et al.	do	154.53
	John Craig et al.	do	219.19
	T. J. Considine et al.	do	112.06
	J. E. Lanonette et al.	do	163.43
	E. A. Hanner et al.	do	177.96
	T. B. Jennings et al.	do	118.83
	Wm. Burrows et al.	do	123.26
	W. W. Neifert et al.	do	150.80
	R. J. Hyatt et al.	do	355.36
	F. P. Chaffee et al.	do	225.03
2	Asa Dosher	Salary	35.22
2	Max Wagner	do	26.09
2	F. W. Smith	do	44.00
2	W. A. Shaw	do	75.80
4	W. G. Mitchell	do	40.00
4	F. L. Graham	do	21.20
13	R. C. New	do	20.25
13	Chas. A. Blythe	do	42.00
13	H. B. Hersey	do	152.43
13	E. C. Seawell	do	62.00
13	H. S. Mann	do	30.00
13	Howard Casler	do	10.00
13	Virginia P. McDonald	do	20.00
13	S. R. Wright	do	20.00
16	Ed. Gale Quina	do	15.00
16	Jos. F. Henry	do	54.00
16	B. A. Blundon	do	29.61
19	E. C. Easton	do	67.76
20	H. S. Mann	do	18.00
20	E. C. Seawell	do	14.00
20	J. A. Larving	do	30.00
20	Angus P. Brown	do	30.00
21	A. Ashenberger	do	82.76
22	G. McFerren	do	18.00
22	C. A. Blythe	do	30.00
26	F. R. Haight	do	1.20
26	T. S. Townsend	do	44.00
26	Wm. M. Oakey	do	56.00
27	Jos. F. Henry	do	24.00
27	W. G. Mitchell	do	38.00
28	E. V. Salisbury	do	56.00
30	H. C. Painter	do	114.20
	Total first quarter		54,503.49
Oct. 1	A. Ashenberger	Salary	81.60
1	Chas. Adie	do	68.40
1	F. H. Branderburg	do	106.00
1	Wayland Bailey	do	97.80
1	M. H. Bailey	do	50.00
1	E. A. Beahan	do	30.00
1	F. R. Beahan	do	89.60
1	Wm. Bell	do	89.60
1	P. J. Bolton	do	89.60
1	Geo. D. Boutcher	do	97.80
1	H. R. Boynton	do	89.60
1	Allen Buell	do	97.80
1	Frank Burke	do	122.20
1	John W. Byram	do	89.60
1	W. T. Blythe	do	97.80
1	Ford A. Carpenter	do	81.60
1	R. M. Crawford	do	89.60
1	John H. Clery	do	89.60
1	F. W. Conrad	do	89.60
1	M. E. Conway	do	68.40
1	Maurice Connell	do	106.00
1	T. S. Collins	do	97.80
1	H. H. Curley	do	89.60
1	R. S. Dimmick	do	60.00
1	Asa Dosher	do	58.80
1	E. B. Dunn	do	122.20

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 159

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment..	Total.
1893.			
Oct. 1	S. C. Emery	Salary	\$106.00
	W. M. Edmondson	do	106.00
	Jos. P. Fallhee	do	58.80
	John Fitzgerald	do	97.80
	H. W. Grasse	do	49.00
	Thomas Gibson	do	106.00
	John Grover	do	89.60
	Fred Z. Gosewisch	do	106.00
	Otto B. Hart	do	60.00
	A. E. Hackett	do	81.60
	Geo. Hass Hagen	do	89.60
	R. M. Harding	do	97.80
	H. P. Hardin	do	81.60
	M. L. Hearne	do	114.20
	E. C. Hobbs	do	97.80
	F. L. Johnson	do	97.80
	N. D. Lane	do	106.00
	R. O. Lazenby	do	81.60
	Jno. J. McLean	do	106.00
	Wm. Line	do	97.80
	C. W. Ling	do	89.60
	J. H. Melton	do	89.60
	L. A. Muhler	do	68.40
	V. E. Muncy	do	30.00
	F. Newman	do	100.00
	Wm. Norrington	do	89.60
	J. J. O'Donnell	do	68.40
	L. F. Passalaigue	do	89.60
	B. S. Pague	do	122.20
	C. A. Pague	do	60.00
	J. C. Piercy	do	89.60
	U. G. Purcell	do	81.60
	E. M. Ravenscroft	do	81.60
	Geo. Reeder	do	81.60
	Chas. Steward	do	106.00
	James P. Sherry	do	97.80
	J. H. Smith	do	89.60
	Chas. A. Smith	do	89.60
	Geo. W. Scott	do	81.60
	C. H. Stuller	do	106.00
	L. M. Tarr	do	97.80
	Geo. T. Todd	do	81.60
	L. A. Welsh	do	97.80
	F. T. Williams	do	89.60
	J. R. Williams	do	114.20
	R. O. Williams	do	58.80
	H. E. Wilkinson	do	106.00
	G. H. Willson	do	106.00
	M. J. Wright, jr.	do	75.00
	Geo. B. Wintz	do	81.60
	W. L. Moore et al.	Salaries	429.40
	E. A. Beals et al.	do	255.80
	Jas. A. Barry et al.	do	158.00
	S. L. Dosher et al.	do	196.20
	J. B. Marbury et al.	do	259.00
	Max Wagner et al.	do	216.20
	E. W. McGann et al.	do	143.60
	H. J. Cox et al.	do	174.40
	R. E. Kerkam et al.	do	382.00
	J. W. Bauer et al.	do	563.20
	A. B. Crane et al.	do	158.00
	H. F. Alciatore et al.	do	117.80
	Geo. E. Hunt et al.	do	393.00
	J. G. Linsley et al.	do	195.80
	W. W. Dent et al.	do	156.60
	L. M. Dey et al.	do	413.00
	O. D. Stewart et al.	do	298.20
	U. G. Myers et al.	do	214.40
	E. P. Jones et al.	do	186.20
	B. S. Pague et al.	do	250.20
	C. F. von Herrmann et al.	do	202.60
	Arthur L. White et al.	do	148.40
	Jas. A. Barwick et al.	do	136.00
	P. T. Jenkins et al.	do	432.80
	H. B. Hersey et al.	do	156.60
	Geo. N. Salisbury et al.	do	187.40
	P. F. Smyth et al.	do	178.00
	C. L. Bozzell et al.	do	109.60
	B. F. Hough et al.	do	166.20
	W. H. Hammon et al.	do	504.00

160 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Oct. 1	P. F. Lyons et al.	Salaries	\$270.60
1	John Craig et al.	do	241.40
1	Louis Dorman et al.	do	109.60
1	T. J. Considine et al.	do	114.00
1	J. E. Lanonette et al.	do	174.40
1	T. B. Jennings et al.	do	139.20
1	E. A. Hanner et al.	do	183.00
1	W. Burrows et al.	do	128.60
1	W. W. Neifert et al.	do	101.60
1	R. J. Hyatt et al.	do	378.80
1	F. L. Graham et al.	do	257.80
1	J. P. Slaughter et al.	do	150.00
1	W. H. Fallon et al.	do	190.63
1	H. McP. Baldwin et al.	do	119.60
1	Park Morrill et al.	do	391.80
1	A. F. Sims et al.	do	215.80
1	D. Fisher et al.	do	158.00
1	C. P. Cronk et al.	do	330.00
1	Wm. Davis et al.	do	174.40
1	J. W. Smith et al.	do	638.40
1	D. Cuthbertson et al.	do	269.40
1	L. N. Jesunofsky et al.	do	234.60
1	E. H. Emery et al.	do	166.20
1	I. G. Gardiner et al.	do	127.80
1	S. S. Bassler et al.	do	471.60
1	W. B. Stockman et al.	do	352.20
1	H. C. Frankenfield et al.	do	644.60
1	J. H. Harmon et al.	do	117.80
1	Chas. M. Strong et al.	do	458.40
1	H. A. McNally et al.	do	119.60
1	L. M. Pindell et al.	do	158.00
1	F. J. Walz et al.	do	252.80
1	J. J. Gilligan et al.	do	271.40
1	Geo. M. Chappel et al.	do	367.20
1	Edw. A. Evans et al.	do	465.40
1	B. H. Bronson et al.	do	218.80
1	D. C. Murphy et al.	do	195.80
1	Peter Wood et al.	do	203.80
1	Geo. W. Felger et al.	do	148.40
1	I. M. Cline et al.	do	370.60
1	W. E. Butler et al.	do	207.00
1	H. B. Dick et al.	do	115.80
1	Frank Ridgway et al.	do	186.60
1	E. J. Glass et al.	do	148.40
1	S. W. Glenn et al.	do	201.00
1	C. F. R. Wappenhaus et al.	do	387.40
1	E. R. Demain et al.	do	195.60
1	A. J. Mitchell et al.	do	187.40
1	P. Connor et al.	do	364.28
1	H. B. Boyer et al.	do	120.00
1	J. D. Blagden et al.	do	92.80
1	Henry Pennywitt et al.	do	104.60
1	F. H. Clarke et al.	do	264.40
1	Geo. E. Franklin et al.	do	126.00
1	S. P. Gresham et al.	do	208.80
1	J. N. Ryker et al.	do	200.40
1	W. U. Simons et al.	do	187.60
1	H. R. Patrick et al.	do	101.60
1	W. M. Wilson et al.	do	254.40
1	W. A. Shaw	Salary	81.60
4	R. C. New	do	15.48
4	F. S. Coale	do	14.52
4	Geo. T. W. Wells	do	15.65
4	R. S. Smith	do	14.35
4	R. H. Webb	do	20.00
4	Robt. Beebe	do	4.60
4	C. Uniacke	do	42.00
10	H. S. Mann	do	22.00
11	Bennie Mocca	do	4.30
12	J. I. Widmeyer et al.	Salaries	130.60
13	Henry Bader	Salary	28.00
19	G. Uniacke	do	16.00
Nov. 1	A. Ashenberger	do	84.20
1	Wayland Bailey	do	101.10
1	E. A. Beahan	do	30.00
1	F. R. Beahan	do	92.70
1	Wm. Bell	do	92.70
1	P. J. Bolton	do	92.70
1	Geo. D. Boutcher	do	101.10
1	F. H. Brandenburg	do	109.50

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 161

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893. Nov. 1	Allen Buell	Salary	\$101.10
	Frank Burke	do	126.40
	J. W. Byram	do	92.70
	Ford A. Carpenter	do	84.20
	F. H. Clarke	do	126.40
	John H. Clery	do	92.70
	T. S. Collins	do	101.10
	Maurice Connell	do	109.50
	F. W. Conrad	do	92.70
	M. E. Conway	do	70.80
	H. H. Curley	do	92.70
	R. S. Dimmick	do	60.00
	Asa Dosher	do	60.60
	E. B. Dunn	do	126.40
	W. M. Edmondson	do	109.50
	E. H. Emery	do	101.10
	S. C. Emery	do	109.50
	Jos. P. Fallinée	do	60.60
	John Fitzgerald	do	101.10
	Thos. Gibson	do	109.50
	Fred. Z. Gozewisch	do	109.50
	H. W. Grasse	do	50.50
	John Grover	do	92.70
	A. E. Hackett	do	84.20
	R. M. Harding	do	101.10
	Otto B. Hart	do	60.00
	Geo. Hass Hagen	do	92.70
	M. L. Hearne	do	117.90
	E. C. Hobbs	do	101.10
	R. J. Hyatt	do	126.40
	F. L. Johnson	do	101.10
	N. D. Lane	do	109.50
	R. O. Lazenby	do	84.20
	Wm. Line	do	101.10
	C. W. Ling	do	92.70
	J. H. Melton	do	92.70
	H. E. Wilkinson	do	109.50
	Geo. Reeder	do	84.20
	Chas. Stewart	do	189.50
	L. A. Muhner	do	70.80
	Wm. Norrington	do	92.70
	J. J. O'Donnell	do	70.80
	T. S. Outram	do	84.20
	C. A. Pague	do	62.00
	B. S. Pague	do	126.40
	L. F. Passalaigue	do	92.70
	J. C. Piercy	do	92.70
	E. M. Ravenscroft	do	84.20
	Geo. W. Scott	do	84.20
	James P. Sherry	do	101.10
	J. H. Smith	do	92.70
	Benj. P. Cooper	do	20.20
	R. S. Smith	do	40.40
	C. H. Stuller	do	109.50
	L. M. Tarr	do	101.10
	Geo. T. Todd	do	84.20
	G. T. W. Wells	do	40.40
	L. A. Welsh	do	101.10
	F. S. Williams	do	92.70
	J. R. Williams	do	117.90
	R. O. Williams	do	60.60
	G. H. Willson	do	109.50
	M. J. Wright jr	do	75.00
	M. Wright	do	84.20
	M. H. Bailey	do	50.00
	U. G. Purssell	do	84.20
	R. H. Webb	do	12.26
	F. Newman	do	100.00
	H. R. Boynton	do	92.70
	H. N. E. Gleason	do	5.87
	Geo. M. Chappel et al	Salaries	378.90
	A. F. Sims et al	do	222.10
	H. McP. Baldwin et al	do	122.70
	Park Morrill et al	do	404.10
	D. Fisher et al	do	163.50
	C. P. Cronk et al	do	340.00
	W. H. Fallon et al	do	193.93
	Wm. Davis et al	do	180.30
	J. W. Smith et al	do	658.30
	D. Cuthbertson et al	do	277.80

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 1	W. T. Blythe et al.	Salaries	\$171.90
1	L. N. Jesunofsky et al.	do	202.10
1	H. C. Painter et al.	do	147.90
1	L. M. Pindell et al.	do	163.50
1	W. B. Stockman et al.	do	363.90
1	H. P. Hardin et al.	do	119.60
1	E. J. Glass et al.	do	153.30
1	E. R. Demain et al.	do	202.20
1	H. R. Patrick et al.	do	104.20
1	E. A. Beals et al.	do	264.60
1	Jas. A. Barry et et	do	163.50
1	S. L. Dosher et al.	do	201.90
1	Max Wagner et al.	do	196.90
1	J. B. Marbury et al.	do	268.00
1	E. W. McGann et al.	do	148.20
1	R. E. Kerkam et al.	do	486.70
1	J. W. Bauer et al.	do	580.90
1	A. B. Crane et al.	do	163.50
1	W. W. Dent et al.	do	161.70
1	L. M. Dey et al.	do	426.00
1	O. D. Stewart et al.	do	308.40
1	E. P. Jones et al.	do	191.90
1	J. I. Widmeyer et al.	do	134.70
1	H. F. Alciatore et al.	do	121.10
1	H. B. Boyer et al.	do	120.00
1	J. D. Blagden et al.	do	96.10
1	I. G. Gardnier et al.	do	116.10
1	W. U. Simons et al.	do	193.70
1	G. G. Harkness et al.	do	146.40
1	Geo. E. Franklin et al.	do	129.50
1	S. P. Gresham et al.	do	215.60
1	J. N. Ryker et al.	do	207.30
1	W. M. Wilson et al.	do	262.80
1	W. L. Moore et al.	do	464.70
1	H. J. Cox et al.	do	185.50
1	S. M. Blandford et al.	do	257.40
1	G. N. Salisbury et al.	do	190.54
1	W. H. Hammon et al.	do	478.40
1	Jas. J. Gray et al.	do	420.80
1	Geo. E. Hunt et al.	do	406.00
1	J. G. Linsley et al.	do	202.10
1	U. G. Myers et al.	do	220.30
1	C. F. von Herrmann et al.	do	208.70
1	Arthur L. White et al.	do	153.30
1	Jas. A. Barwick et al.	do	109.50
1	P. F. Lyons et al.	do	279.70
1	B. F. Hough et al.	do	171.90
1	H. B. Hersey et al.	do	161.70
1	C. L. Bozzell et al.	do	112.70
1	P. F. Smyth et al.	do	183.50
1	C. A. Smith et al.	do	176.90
1	Louis Dorman et al.	do	112.70
1	John Craig et al.	do	239.10
1	T. J. Considine et al.	do	118.00
1	J. E. Lanouette et al.	do	180.30
1	E. A. Hamner et al.	do	188.50
1	T. B. Jennings et al.	do	142.90
1	W. Burrows et al.	do	133.20
1	E. C. Easton et al.	do	264.20
1	W. W. Neifert et al.	do	104.20
1	F. L. Graham et al.	do	266.10
1	J. P. Slaughter et al.	do	155.00
1	H. C. Frankenfield et al.	do	665.20
1	Chas. M. Strong et al.	do	473.30
1	F. J. Walz et al.	do	176.90
1	B. H. Bronson et al.	do	225.60
1	J. J. Gilligan et al.	do	279.30
1	Edw. A. Evans et al.	do	479.80
1	S. S. Bassler et al.	do	486.70
1	H. A. McNally et al.	do	122.70
1	J. H. Harmon et al.	do	121.10
1	D. C. Murphy et al.	do	202.10
1	Peter Wood et al.	do	210.60
1	I. M. Cline et al.	do	358.60
1	Geo. W. Felger et al.	do	153.30
1	W. E. Butler et al.	do	214.00
1	Frank Ridgway et al.	do	191.70
1	S. W. Glenn et al.	do	207.00
1	C. F. R. Wapenhaus et al.	do	398.80
1	A. J. Mitchell et al.	do	193.80

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 163

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Nov. 1	P. Connor et al	Salaries	\$379.00
7	W. A. Shaw	Salary	84.20
7	R. M. Crawford	do	92.70
7	T. S. Townsend	do	60.00
7	do	do	62.00
7	Chas. Adie	do	70.80
8	G. G. Rogers	do	6.00
14	C. G. Oyler	do	14.00
14	E. C. Harris	do	10.00
17	F. Haentschel	do	30.00
17	H. B. Dick	do	81.48
18	E. A. Beahan	do	30.00
18	S. P. Gresham	do	15.98
21	S. H. Carpenter	do	30.00
23	John J. McLean	do	109.50
23	L. M. Stevenson	do	9.68
23	J. H. Melton	do	29.89
Dec. 1	Geo. Reeder	do	81.60
1	T. A. Colne	do	48.99
1	John W. Mann	do	.65
1	I. W. Brewer	do	88.04
1	T. F. Townsend	do	61.14
1	Allen Buell	do	97.80
1	Wayland Bailey	do	97.80
1	John Grover	do	89.60
1	E. H. Emery	do	97.80
1	E. C. Hobbs	do	97.80
1	F. A. Carpenter	do	81.60
1	Asa Dosher	do	58.80
1	S. C. Emery	do	106.00
1	H. A. McNally	do	89.60
1	James Kenealy	do	89.67
1	N. D. Lane	do	106.00
1	Maurice Connell	do	106.00
1	R. S. Dimmick	do	60.00
1	C. W. Ling	do	89.60
1	F. W. Conrad	do	89.60
1	R. M. Hardinge	do	97.80
1	H. H. Curley	do	89.60
1	P. Connor	do	122.20
1	F. Z. Gosewisch	do	106.00
1	F. H. Clarke	do	122.20
1	R. M. Crawford	do	89.60
1	Frank Burke	do	122.20
1	H. B. Dick	do	81.60
1	Geo. Hass Hagen	do	89.60
1	J. W. Byram	do	89.60
1	F. P. Chaffee	do	93.75
1	H. R. Boynton	do	89.60
1	M. E. Conway	do	68.40
1	Chas. Adie	do	68.40
1	G. H. Willson	do	106.00
1	W. M. Edmondson	do	106.00
1	L. A. Welsh	do	97.80
1	O. D. Stewart	do	122.20
1	W. A. Shaw	do	81.60
1	Wm. Bell	do	89.60
1	Otto B. Hart	do	60.00
1	F. H. Brandenburg	do	106.00
1	Jos. P. Pallihee	do	58.80
1	Thos. Gibson	do	106.00
1	M. L. Hearne	do	114.20
1	Jas. A. Barwick	do	106.00
1	H. W. Grasse	do	49.00
1	M. H. Bailey	do	50.00
1	J. P. Sherry	do	97.80
1	L. F. Passalaigue	do	89.60
1	L. A. Muñner	do	68.40
1	T. S. Collins	do	97.00
1	U. G. Purssell	do	91.31
1	F. R. Beahan	do	89.60
1	E. A. Beahan	do	30.00
1	J. E. Lanonette	do	106.00
1	T. B. Jennings	do	114.20
1	R. J. Hyatt	do	122.20
1	John Fitzgerald	do	97.80
1	Geo. D. Boutcher	do	97.80
1	F. L. Johnson	do	97.80
1	A. Ashenberger	do	81.60
1	C. H. Stuller	do	106.00
1	R. O. Williams	do	58.80

164 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 1	E. M. Ravenscroft	Salary	\$81.60
1	L. M. Tarr	do	97.80
1	Geo. T. Todd	do	81.60
1	R. S. Smith	do	39.20
1	J. J. O'Donnell	do	68.40
1	J. R. Williams	do	114.20
1	J. H. Smith	do	89.60
1	H. E. Wilkinson	do	106.00
1	J. C. Piercy	do	89.60
1	M. Wright	do	81.60
1	Wm. Norrington	do	89.60
1	Jno. J. McLean	do	106.00
1	B. S. Pagne	do	122.20
1	F. Newman	do	100.00
1	Geo. W. Scott	do	81.60
1	J. J. Gilligan et al	Salaries	271.40
1	Geo. M. Chappel	Salary	367.20
1	D. C. Murphy	do	195.80
1	F. J. Walz	do	171.20
1	Edw. A. Evans	do	474.18
1	B. H. Bronson	do	132.66
1	Peter Wood	do	203.80
1	I. M. Cline	do	347.80
1	Geo. W. Felger	do	148.40
1	W. E. Butler	do	207.00
1	Frank Ridgway et al	Salaries	186.60
1	S. W. Glenn et al	do	201.00
1	C. F. R. Wappenhaus et al	do	387.40
1	D. Fisher et al	do	1581.00
1	W. H. Fallon et al	do	195.60
1	C. P. Cronk et al	do	362.60
1	Wm. Davis et al	do	174.40
1	J. W. Smith et al	do	516.20
1	D. Cuthbertson et al	do	300.20
1	W. T. Blythe et al	do	183.35
1	H. C. Painter et al	do	144.20
1	L. N. Jesunofsky et al	do	201.44
1	L. M. Pindell et al	do	158.00
1	H. C. Frankenfield et al	do	555.00
1	S. S. Bassler et al	do	390.00
1	W. B. Stockman et al	do	352.20
1	Chas. M. Strong et al	do	458.40
1	E. R. Demain et al	do	264.00
1	A. J. Mitchell et al	do	187.40
1	H. B. Boyer et al	do	120.00
1	J. D. Blagden et al	do	92.80
1	I. G. Gardiner et al	do	112.80
1	W. U. Simons et al	do	187.60
1	G. G. Harkness et al	do	147.97
1	J. N. Ryker et al	do	200.40
1	H. R. Patrick et al	do	101.60
1	Parl. Morrill et al	do	391.80
1	J. B. Marbury et al	do	331.00
1	H. P. Hardin et al	do	115.80
1	J. M. Sherier et al	do	238.00
1	G. J. O'Connor et al	do	140.40
1	W. M. Wilson et al	do	254.40
1	W. L. Moore et al	do	450.60
1	E. A. Beals et al	do	255.80
1	S. L. Dosher et al	do	196.20
1	James A. Barry et al	do	158.00
1	Max Wagner et al	do	186.20
1	H. J. Cox et al	do	179.40
1	R. E. Kerkam et al	do	471.60
1	E. B. Dunn et al	do	579.40
1	A. B. Crane et al	do	188.60
1	J. T. Widmeyer et al	do	130.60
1	J. G. Linsley et al	do	195.80
1	H. F. Alciatore et al	do	101.13
1	Geo. E. Hunt et al	do	385.00
1	W. W. Dent et al	do	156.60
1	Chas. A. Smith et al	do	171.20
1	L. M. Dey et al	do	413.00
1	U. G. Myers et al	do	304.00
1	R. Q. Grant et al	do	176.00
1	E. P. Jones et al	do	186.20
1	S. M. Blandford et al	do	250.20
1	C. F. Von Herrmann et al	do	202.60
1	Arthur L. White et al	do	148.40
1	W. H. Hammon et al	do	482.80
1	P. F. Lyons et al	do	270.60

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1893.			
Dec. 1	G. N. Salisbury et al	Salaries.....	\$187.40
	B. F. Hough et al	do	166.20
	P. F. Smyth et al	do	178.00
	H. B. Hersey et al	do	156.60
	H. McP. Baldwin et al	do	119.60
	G. E. Lawton et al	do	400.20
	C. L. Bozell et al	do	109.60
	Louis Dorman et al	do	109.60
	John Craig et al	do	231.80
	T. J. Considine et al	do	114.00
	E. A. Hanner et al	do	183.00
	W. Burrows et al	do	128.60
	W. W. Neifert et al	do	101.60
	F. L. Graham et al	do	257.80
	J. P. Slaughter et al	do	150.00
	John H. Clery et al	do	321.20
	George E. Franklin et al	do	126.00
	A. F. Sims et al	do	215.80
	Chas. Stewart	Salary	106.00
	R. O. Lazenby	do	81.60
	R. J. Bain	do	68.40
	G. T. W. Wells	do	39.20
	P. T. Jenkins	do	97.80
	J. W. Baur	do	106.00
	E. W. McGann et al	Salaries	143.60
4	Wm. Line	Salary	97.80
4	J. H. Harmon	do	78.26
4	E. C. Easton et al	Salaries	256.60
4	M. J. Wright, jr., et al	do	47.50
14	C. E. Hartman	Salary	16.67
14	C. A. Pague	do	10.00
14	do	do	24.00
14	M. J. Wright, jr.	do	45.00
19	G. W. Pendleton	do	10.00
19	S. L. Dosher	do	32.88
30	T. A. Colne	do	13.59
	Total second quarter.....		85,648.42
1894.			
Jan. 2	P. Connor	Salary	126.40
2	O. D. Stewart	do	126.40
2	Allen Buell	do	101.10
2	Wayland Bailey	do	101.10
2	E. H. Emery	do	101.10
2	Jno. Grover	do	92.70
2	C. H. Stuller	do	109.50
2	B. H. Bronson	do	117.90
2	Ford A. Carpenter	do	84.20
2	R. O. Williams	do	60.60
2	Jas. P. Sherry	do	101.10
2	E. M. Ravenscroft	do	84.20
2	E. H. Nimmo	do	84.20
2	J. W. Bauer	do	109.50
2	L. M. Tarr	do	101.10
2	B. L. Waldron	do	70.80
2	Geo. Reeder	do	84.20
2	Asa Dosher	do	60.60
2	Geo. T. Todd	do	84.20
2	S. C. Emery	do	109.50
2	N. D. Lane	do	109.50
2	R. S. Dimmick	do	60.00
2	R. S. Smith	do	40.40
2	Maurice Connell	do	109.50
2	J. R. Williams	do	117.90
2	J. J. O'Donnell	do	70.80
2	F. W. Conrad	do	92.70
2	C. W. Ling	do	92.70
2	J. H. Smith	do	92.70
2	R. M. Hardinge	do	101.10
2	H. H. Curley	do	92.70
2	P. T. Jenkins	do	101.10
2	Fred Z. Gosenisch	do	109.50
2	R. M. Crawford	do	92.70
2	Geo. Hass Hagen	do	92.70
2	H. B. Dick	do	84.20
2	H. R. Boynton	do	92.70
2	J. W. Byram	do	92.70
2	Wm. Line	do	101.10
2	J. C. Piercy	do	92.70

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 2	R. O. Lazenby	Salary	\$84.20
	G. T. W. Wells	do	40.40
	Chas. Adie	do	70.80
	M. E. Conway	do	70.80
	G. H. Willson	do	109.50
	L. A. Welsh	do	101.10
	M. Wright	do	84.20
	L. A. Muhlnier	do	70.80
	W. M. Edmondson	do	109.50
	Wm. Bell	do	92.70
	Otto B. Hart	do	60.00
	F. H. Brandenburg	do	109.50
	Thos. Gibson	do	109.50
	Jos. P. Fallihee	do	60.60
	Wm. Norrington	do	92.70
	L. F. Passalaigue	do	92.70
	Jno. J. McLean	do	109.50
	Jas. A. Barwick	do	109.50
	M. L. Hearne	do	117.90
	H. W. Grasse	do	50.50
	U. G. Purssel	do	101.10
	Chas. Stewart	do	109.50
	T. S. Collins	do	101.10
	F. R. Beahan	do	92.70
	E. A. Beahan	do	30.00
	J. E. Landnette	do	109.50
	T. B. Jennings	do	117.90
	Geo. E. Curtis	do	50.87
	John Fitzgerald	do	101.10
	F. Newman	do	100.81
	E. C. Hobbs	do	101.10
	Geo. D. Boutcher	do	101.10
	F. L. Johnson	do	101.10
	Geo. W. Scott	do	84.20
	A. Ashenberger	do	84.20
	Geo. E. Hunt et al	Salaries	397.50
	A. F. Sims et al	do	222.10
	Park Morrill et al	do	404.10
	H. McP. Baldwin et al	do	92.70
	D. Fisher et al	do	163.50
	C. P. Cronk et al	do	373.70
	W. H. Fallon et al	do	195.40
	Wm. Davis et al	do	180.30
	J. W. Smith et al	do	658.30
	D. Cuthbertson et al	do	309.90
	W. T. Blythe et al	do	197.20
	L. N. Jesunofsky et al	do	210.60
	H. C. Painter et al	do	147.90
	W. B. Stockman et al	do	363.90
	H. C. Frankenfield et al	do	542.65
	S. S. Bassler et al	do	402.50
	Chas. M. Strong et al	do	473.30
	W. A. Shaw	Salary	84.20
	F. J. Walz	Salaries	184.47
	J. J. Gilligan	do	279.30
	Geo. M. Chappel	do	294.70
	Edw. A. Evans	do	501.70
	James Kenealy	do	141.40
	D. C. Murphy	do	202.10
	Peter Wood	do	210.60
	Geo. W. Felger	do	153.30
	I. M. Cline	do	287.80
	H. P. Hardin	do	119.60
	Frank Ridgway	do	191.70
	W. E. Butler	do	214.00
	J. M. Sherier	do	185.40
	S. W. Glenn	do	207.00
	C. F. R. Wappenhaus	do	399.35
	E. R. Demain	do	273.00
	A. J. Mitchell	do	193.80
	Jno. H. Clery	do	331.90
	H. D. Boyer	do	120.81
	J. D. Blagden	do	96.10
	I. G. Gardiner	do	116.10
	W. U. Simons	do	193.70
	F. H. Clarke et al	do	285.00
	Geo. E. Franklin et al	do	129.50
	Frank Burke et al	do	363.90
	J. N. Ryker et al	do	171.90
	H. R. Patrick et al	do	84.20

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Jan. 2	W. M. Wilson et al.	Salaries	\$262.80
2	W. L. Moore et al.	do	464.70
2	E. A. Beals et al.	do	264.60
2	Jas. A. Barny et al.	do	163.50
2	F. P. Chaffee et al.	do	235.60
2	J. B. Marbury et al.	do	281.40
2	Max Wagner et al.	do	191.90
2	E. W. McGann et al.	do	148.20
2	H. J. Cox et al.	do	185.30
2	R. E. Kerkam et al.	do	486.70
2	E. B. Dunn et al.	do	698.90
2	A. B. Crane et al.	do	214.00
2	J. O. Widmeyer et al.	do	134.70
2	J. G. Linsley et al.	do	202.10
2	W. W. Dent et al.	do	153.87
2	M. J. Wright, jr., et al.	do	70.60
2	L. M. Dey et al.	do	459.70
2	U. G. Myers et al.	do	313.00
2	R. Q. Grant et al.	do	182.00
2	E. P. Jones et al.	do	191.90
2	S. M. Blandford et al.	do	227.40
2	C. F. von Herrmann et al.	do	208.70
2	Arthur L. White et al.	do	153.30
2	G. M. Salisbury et al.	do	193.80
2	H. B. Hersey et al.	do	161.70
2	B. S. Pague et al.	do	648.30
2	P. H. Smyth et al.	do	183.50
2	W. H. Hammon et al.	do	498.60
2	P. F. Lyons et al.	do	279.70
2	B. F. Hough et al.	do	171.90
2	H. F. Alciatore et al.	do	175.83
2	Chas. A. Smith et al.	do	176.90
2	John Craig et al.	do	239.10
2	Louis Dorman et al.	do	112.70
2	T. J. Considine et al.	do	118.00
2	Wm. Burrows et al.	do	115.24
2	W. W. Neifert et al.	do	104.20
2	R. J. Hyatt et al.	do	390.60
2	F. L. Graham et al.	do	266.10
2	J. P. Slaughter et al.	do	155.00
2	C. L. Bozzell et al.	do	112.70
2	E. C. Hanner et al.	do	188.50
2	D. T. Cant et al.	do	30.00
2	J. F. Lynch	Salary	20.00
2	L. M. Pindell et al.	Salaries	163.50
4	T. H. Owings	Salary	7.83
4	R. C. Williams	do	12.54
8	Orin Parker	do	17.93
8	do	do	16.00
13	J. W. Johnson	do	27.17
16	W. H. Hammon	do	62.50
16	C. A. Pague	do	30.00
16	M. F. Godfrey	do	45.83
16	W. L. Moore	do	62.50
18	Louis Dorman	do	3.06
19	J. W. Schaeffer	do	84.20
Feb. 1	Wayland Bailey	do	103.30
1	E. H. Emery	do	103.30
1	H. McP. Baldwin	do	94.70
1	John Grover	do	94.70
1	C. H. Stuller	do	111.90
1	R. O. Williams	do	62.00
1	F. A. Carpenter	do	86.10
1	E. M. Ravencroft	do	86.10
1	L. M. Tarr	do	103.30
1	E. H. Nimmo	do	86.10
1	J. W. Bauer	do	111.90
1	Geo. Reeder	do	86.10
1	Geo. T. Todd	do	86.10
1	S. C. Emery	do	111.90
1	R. S. Dimmick	do	60.00
1	Maurice Connell	do	111.90
1	N. D. Lane	do	111.90
1	F. W. Conrad	do	94.70
1	R. S. Smith	do	41.30
1	C. W. Ling	do	94.70
1	R. M. Hardinge	do	103.30
1	J. H. Smith	do	94.70
1	H. H. Curley	do	94.70
1	P. T. Jenkins	do	103.30

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 1	F. Z. Gosenisch	Salary	\$111.90
1	R. M. Crawford	do	94.70
1	H. R. Patrick	do	86.10
1	Geo. Haas Hagen	do	94.70
1	H. R. Boynton	do	94.70
1	J. W. Byram	do	94.70
1	M. F. Godfrey	do	48.87
1	W. L. Moore	do	66.67
1	Chas. Adie	do	72.30
1	G. T. W. Wells	do	41.30
1	R. O. Lazenby	do	86.10
1	J. C. Piercy	do	94.70
1	Wm. Line	do	103.30
1	M. E. Conway	do	72.30
1	J. H. Willson	do	111.90
1	Otto B. Hart	do	60.00
1	W. M. Edmondson	do	111.90
1	L. Muhiher	do	72.30
1	Jos. P. Fallihee	do	62.00
1	M. Wright	do	86.10
1	W. W. Dent	do	103.30
1	J. R. Williams	do	120.60
1	Wm. Bell	do	94.70
1	F. H. Brandenburg	do	111.90
1	Wm. Norrington	do	94.70
1	Jno. J. McLean	do	111.90
1	Chas. Stewart	do	111.90
1	Jas. A. Barwick	do	111.90
1	M. L. Hearne	do	120.60
1	H. W. Grasse	do	51.70
1	F. W. Krichett	do	72.30
1	W. H. Hammon	do	66.67
1	T. Q. Collins	do	103.30
1	L. F. Passailaigne	do	94.70
1	T. B. Jennings	do	120.60
1	F. R. Beahan	do	94.70
1	E. A. Beahan	do	30.00
1	J. E. Lanonette	do	111.90
1	John Fitzgerald	do	103.30
1	F. L. Johnson	do	103.30
1	F. Newman	do	103.30
1	Geo. D. Boutcher	do	103.30
1	E. C. Hobbs	do	103.30
1	Geo. W. Scott	do	86.10
1	A. Ashenberger	do	86.10
1	Allen Buell	do	103.30
1	Asa Dosher	do	62.00
1	James P. Sherry	do	103.30
1	W. A. Shaw	do	86.10
1	Thos. Gibson	do	111.90
1	D. Fisher et al.	Salaries	167.00
1	Park Morrill et al	do	412.30
1	A. F. Sims et al	do	226.70
1	Wm. Davis et al	do	184.20
1	B. H. Bronson et al	do	215.30
1	J. W. Smith et al	do	672.50
1	D. Cuthbertson et al	do	316.20
1	C. P. Cronk et al	do	381.30
1	W. B. Stockman et al	do	372.00
1	W. T. Blythe et al	do	201.50
1	Chas. M. Strong et al	do	483.40
1	L. M. Pindell et al	do	167.00
1	H. C. Frankenfield et al	do	593.10
1	S. S. Bassler et al	do	497.20
1	L. N. Jesunofsky et al	do	215.30
1	James Kenealy et al	do	247.50
1	F. J. Walz et al	do	189.40
1	Edw. A. Evans et al	do	512.20
1	Geo. M. Chappel et al	do	300.90
1	J. J. Gilligan et al	do	285.00
1	D. C. Murphy et al	do	206.70
1	Peter Wood et al	do	215.30
1	J. L. Cline et al	do	365.80
1	Geo. W. Felger et al	do	156.70
1	Frank Ridgway et al	do	195.30
1	W. E. Butler et al	do	218.70
1	S. M. Glenn et al	do	211.20
1	C. F. R. Wappenhaus et al	do	408.10
1	A. J. Mitchell et al	do	198.00
1	E. R. Demain et al	do	278.90

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Feb. 1	J. D. Blagden et al.	Salaries	\$98.10
	H. B. Boyer et al.	do	123.30
	T. G. Gardiner et al.	do	118.30
	Frank Burke et al.	do	372.00
	Geo. E. Franklin et al.	do	131.90
	W. U. Simonds et al	do	191.51
	F. H. Clarke et al.	do	288.80
	W. M. Wilson et al.	do	282.40
	C. E. Linney et al.	do	345.10
	C. A. Beals et al.	do	270.30
	F. P. Chaffee et al.	do	240.30
	Jas. A. Barry et al.	do	167.00
	Max Wagner et al.	do	195.60
	J. B. Marbury et al.	do	349.60
	E. W. McGann et al.	do	151.60
	R. E. Kerkam et al.	do	483.40
	H. J. Cox et al.	do	189.60
	E. B. Dunn et al.	do	713.60
	A. B. Crane et al.	do	146.40
	O. D. Stewart et al.	do	315.10
	Geo. E. Hunt et al.	do	436.90
	Jas. I. Widmeyer et al.	do	137.80
	J. G. Linsley et al.	do	206.70
	U. G. Myers et al.	do	319.10
	S. M. Blandford et al.	do	232.50
	E. P. Jones et al.	do	195.80
	M. J. Wright, jr., et al.	do	72.00
	L. M. Dey et al.	do	469.20
	Arthur L. White et al.	do	156.70
	C. F. von Herrmann et al.	do	212.90
	John Craig et al.	do	244.60
	R. J. Bain et al.	do	92.30
	Chas. A. Smith et al.	do	180.80
	U. G. Purstell et al.	do	175.60
	H. E. Wilkinson et al.	do	193.90
	P. F. Smith et al.	do	187.00
	C. L. Bozell et al.	do	114.70
	H. B. Hersey et al.	do	165.30
	B. S. Pague et al.	do	550.10
	G. N. Salisbury et al.	do	198.00
	P. F. Lyons et al.	do	285.90
	D. J. Herndon et al.	do	393.50
	B. F. Hough et al.	do	175.60
	E. A. Hanner et al.	do	192.00
	Wm. Burrows et al.	do	172.20
	T. J. Considine et al.	do	120.50
	W. W. Neifert et al.	do	106.10
	R. J. Hyatt et al.	do	398.70
	F. L. Graham et al.	do	271.60
	J. P. Slaughter et al.	do	158.40
	J. M. Shevier et al.	do	189.40
	J. N. Ryker et al.	do	237.60
	H. P. Hardin et al.	do	122.25
	H. W. Clough.	Salary	17.61
	H. F. Alciatore	do	103.30
	P. Connor et al.	Salaries	373.70
	H. C. Painter et al.	do	150.60
	J. W. Schaeffer.	Salary	33.33
	J. J. O'Donnell.	do	72.30
	Chas. H. Busby	do	26.00
	H. W. Arnold	do	6.00
	C. A. Pague	do	30.00
21	Jas. F. Lynch	do	7.14
21	C. A. Pague	do	11.79
24	L. E. Stronach	do	30.00
28	W. H. St. John	do	13.39
28	F. W. Smith	do	61.00
28	G. H. Willson	do	101.20
28	W. A. Shaw	do	77.80
28	Chas. H. Busby	do	34.00
Mar. 1	Wayland Bailey	do	93.40
1	Allen Buell	do	93.40
1	H. McP. Baldwin	do	85.60
1	Jno. Grover	do	85.60
1	E. H. Emery	do	93.40
1	C. H. Stuller	do	101.20
1	Asa Dosher	do	56.00
1	E. M. Ravenscroft	do	77.80
1	J. W. Bauer	do	101.20
1	Jas. P. Sherry	do	98.06

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 1	E. H. Nimmo.....	Salary	\$77.80
1	Geo. Reeder	do	77.80
1	L. M. Tarr	do	93.40
1	F. A. Carpenter	do	77.80
1	Geo. T. Todd	do	77.80
1	S. C. Emery	do	101.20
1	Maurice Connell	do	101.20
1	R. S. Dimmick	do	60.00
1	N. D. Lane	do	101.20
1	R. O. Williams	do	56.00
1	J. J. O'Donnell	do	65.40
1	J. R. Williams	do	108.80
1	F. W. Conrad	do	85.60
1	C. W. Ling	do	85.60
1	R. M. Harding	do	93.40
1	H. H. Curley	do	85.60
1	F. Z. Gosewisch	do	101.20
1	P. T. Jenkins	do	93.40
1	F. W. Krichelt	do	65.40
1	R. M. Crawford	do	85.60
1	J. W. Byram	do	85.60
1	Geo. Hass Hagen	do	85.60
1	H. R. Boynton	do	85.60
1	H. R. Patrick	do	77.80
1	Chas. Adie	do	65.40
1	G. T. W. Wells	do	37.40
1	Wm. Line	do	93.40
1	R. O. Lazenby	do	77.80
1	M. E. Conway	do	65.40
1	Otto B. Hart	do	60.00
1	J. C. Piercy	do	85.60
1	Jos. P. Fallihee	do	56.00
1	W. W. Dent	do	93.40
1	L. A. Muhlnier	do	65.40
1	F. H. Brandenburg	do	101.20
1	D. P. McCallum	do	77.80
1	M. Wright	do	77.80
1	W. M. Edmondson	do	101.20
1	Wm. Bell	do	85.60
1	John J. McLean	do	101.20
1	Thos. Gibson	do	101.20
1	Wm. Norrington	do	85.60
1	T. S. Collins	do	93.40
1	H. W. Grasse	do	46.60
1	H. E. Wilkinson	do	101.20
1	M. L. Hearne	do	108.80
1	Jas. A. Barwick	do	101.20
1	F. R. Beahan	do	85.60
1	E. A. Beahan	do	30.00
1	T. B. Jennings	do	108.80
1	J. E. Lanonette	do	101.20
1	John Fitzgerald	do	93.40
1	E. C. Hobbs	do	93.40
1	F. L. Johnson	do	93.40
1	F. Newman	do	93.40
1	Geo. D. Boutcher	do	93.40
1	Geo. W. Scott	do	77.80
1	A. Ashenberger	do	77.80
1	A. F. Sims et al	Salaries	206.60
1	D. Fisher et al	do	151.00
1	Park Morrill et al	do	375.40
1	C. P. Cronk et al	do	347.40
1	B. H. Bronson et al	do	194.40
1	Wm. Davis et al	do	166.60
1	J. W. Smith et al	do	610.00
1	I. M. Cline et al	do	353.40
1	D. Cuthbertson et al	do	287.60
1	W. T. Blythe et al	do	182.00
1	L. N. Jesumofsky et al	do	194.40
1	L. M. Pindell et al	do	151.00
1	H. C. Painter et al	do	138.80
1	H. C. Frankenfield et al	do	538.80
1	S. S. Bassler et al	do	450.60
1	W. B. Stockman et al	do	280.00
1	Chas. M. Strong et al	do	438.20
1	F. J. Walz et al	do	171.20
1	J. J. Gilligan et al	do	260.00
1	Edw. A. Evans et al	do	465.60
1	Geo. M. Chappel et al	do	273.20
1	James Kenealy et al	do	225.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Mar. 1	D. C. Murphy et al	Salaries	\$186.60
	Peter Wood et al	do	194.40
	J. D. Blagden et al	do	88.80
	I. G. Gardner et al	do	108.40
	W. U. Simons et al	do	157.20
	F. H. Clarke et al	do	262.40
	Geo. E. Franklin et al	do	121.20
	Frank Burke et al	do	336.00
	J. N. Ryker et al	do	158.80
	W. M. Wilson et al	do	255.20
	E. A. Beals et al	do	244.40
	W. L. Moore et al	do	517.00
	Jas. A. Barry et al	do	151.00
	F. P. Chaffee et al	do	219.40
	Max Wagner et al	do	178.80
	J. B. Marbury et al	do	315.80
	E. W. McGann et al	do	136.80
	H. J. Cox et al	do	171.40
	R. E. Kerkm et al	do	438.20
	E. B. Dunn et al	do	647.80
	A. B. Crane et al	do	132.20
	M. J. Wright, Jr., et al	do	66.00
	L. M. Dey et al	do	426.60
	W. G. Meyers et al	do	291.80
	O. D. Stewart et al	do	284.80
	Geo. E. Hunt et al	do	396.20
	Jas. I. Widmeyer et al	do	124.40
	J. G. Linsley et al	do	186.60
	E. P. Jones et al	do	178.40
	Geo. W. Felger et al	do	141.60
	H. R. Hardin et al	do	110.50
	W. E. Butler et al	do	197.60
	Frank Ridgway	do	179.40
	J. M. Shevier et al	do	171.20
	S. W. Glenn et al	do	192.60
	C. F. R. Wappenhaus et al	do	368.80
	E. R. Demain et al	do	252.20
	A. J. Mitchell et al	do	179.00
	P. Connor et al	do	337.60
	H. B. Boyer et al	do	113.40
	S. M. Blandford et al	do	210.00
	C. F. von Herrmann et al	do	194.20
	Arthur L. White et al	do	141.60
	W. H. Hammon et al	do	396.80
	P. F. Lyons et al	do	258.20
	Geo. N. Salisbury et al	do	179.00
	B. F. Hough et al	do	158.80
	B. S. Payne et al	do	499.80
	H. B. Hersey et al	do	149.40
	P. F. Smyth et al	do	171.00
	C. L. Bozzell et al	do	105.60
	Chas. A. Smith et al	do	163.40
	U. G. Purssell et al	do	158.80
	John Craig et al	do	220.80
	R. J. Bain et al	do	85.40
	T. J. Considine et al	do	109.60
	E. A. Hanner et al	do	151.00
	Wm. Burrows et al	do	155.60
	R. J. Hyatt et al	do	362.60
	W. W. Neifert et al	do	97.80
	F. L. Graham et al	do	247.00
	J. P. Slaughter et al	do	143.20
2	L. F. Passalaigue	Salary	85.60
2	Chas. Stewart	do	101.20
2	H. F. Alciatore et al	Salaries	169.40
6	J. W. Schaeffer	Salary	13.89
10	Jas. F. Lynch	do	9.68
10	F. C. Arbour	do	10.00
10	C. E. Hartman	do	15.00
10	J. H. Smith	do	85.60
15	R. S. Smith	do	37.40
16	J. J. Gilligan	do	7.22
24	Chas. Huber	do	.80
31	R. M. Crawford	do	94.70
	Total third quarter.		84,969.84
Apr. 1	J. E. Lanonette	Salary	111.90
1	T. B. Jennings	do	120.60
1	John Fitzgerald	do	103.30

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Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 1	Geo. D. Boutcher	Salary	\$103.30
1	F. L. Johnson	do	103.30
1	F. Newman	do	103.30
1	E. C. Hobbs	do	103.30
1	A. Ashenberger	do	86.10
1	R. S. Smith	do	41.30
1	J. W. Byram	do	94.70
1	Jno. Grover	do	94.70
1	E. H. Emery	do	103.30
1	H. McP. Baldwin	do	94.70
1	Wayland Bailey	do	103.30
1	Allen Buell	do	103.30
1	C. H. Stuller	do	111.90
1	F. A. Carpenter	do	86.10
1	L. M. Tarr	do	103.30
1	James P. Sherry	do	111.90
1	Asa Dosher	do	62.00
1	E. M. Ravenscroft	do	86.10
1	Geo. Reeder	do	86.10
1	A. E. Hackett	do	86.10
1	J. W. Bauer	do	111.90
1	S. C. Emery	do	111.90
1	Maurice Connell	do	111.90
1	N. D. Lane	do	111.90
1	R. S. Dimmick	do	60.00
1	J. J. O'Donnell	do	72.30
1	J. R. Williams	do	120.60
1	R. O. Williams	do	62.00
1	F. W. Conrad	do	94.70
1	C. W. Ling	do	94.70
1	R. M. Hardinge	do	103.30
1	J. H. Smith	do	94.70
1	H. H. Curley	do	94.70
1	Fred Z. Gosewisch	do	111.90
1	Geo. W. Scott	do	86.10
1	H. R. Patrick	do	86.10
1	Geo. Hass Hagen	do	94.70
1	M. E. Conway	do	72.30
1	J. C. Piercy	do	94.70
1	R. O. Lazenby	do	86.10
1	Wm. Line	do	103.30
1	Chas. Adie	do	72.30
1	G. T. W. Wells	do	41.30
1	James J. Gray	do	86.10
1	G. H. Wilson	do	111.90
1	Jos. P. Fallihee	do	62.00
1	Otto B. Hart	do	60.00
1	M. Wright	do	86.10
1	W. A. Shaw	do	86.10
1	L. A. Muhlmer	do	72.30
1	H. W. Richardson	do	94.70
1	W. M. Edmondson	do	111.90
1	Wm. Bell	do	94.70
1	F. H. Brandenburg	do	111.90
1	Thos. Gibson	do	111.90
1	John J. McLean	do	111.90
1	Wm. Norrington	do	94.70
1	James A. Barwick	do	111.90
1	M. L. Hearne	do	120.60
1	H. W. Grasse	do	51.70
1	T. S. Collins	do	103.30
1	L. F. Passaillaigue	do	94.70
1	D. P. McCallum	do	86.10
1	E. A. Beahan	do	30.00
1	F. R. Beahan	do	94.70
1	J. W. Smith et al.	Salaries	672.50
1	B. H. Bronson et al	do	215.30
1	C. P. Cronk et al	do	381.30
1	D. Fisher et al.	do	167.00
1	Park Morrill et al	do	484.60
1	A. F. Sims et al.	do	226.70
1	D. C. Murphy et al	do	206.70
1	James Kenealy et al.	do	247.50
1	Edw. A. Evans et al	do	503.60
1	Geo. M. Chappel et al	do	387.00
1	R. H. Sullivan et al	do	173.10
1	F. J. Walz et al.	do	189.40
1	Chas. M. Strong et al	do	483.40
1	H. C. Frankenfeld et al	do	498.40
1	S. S. Bassler et al	do	497.20

EXPENDITURES IN DEPARTMENT OF AGRICULTURE. 173

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 1	W. B. Stockman et al.	Salaries.....	\$404.70
1	L. N. Jesunofsky et al.	do	215.30
1	L. M. Pindell et al.	do	167.00
1	Wm. Davis et al.	do	184.20
1	D. Cuthbertson et al.	do	316.20
1	H. C. Painter et al.	do	150.60
1	W. T. Blythe et al.	do	201.50
1	A. J. Mitchell et al.	do	198.00
1	P. Connor et al.	do	373.70
1	H. B. Boyer et al.	do	123.30
1	J. D. Blagden et al.	do	98.10
1	I. G. Gardiner et al.	do	118.30
1	W. U. Simons et al.	do	173.90
1	Geo. E. Franklin	do	131.90
1	F. H. Clarke	do	288.80
1	Frank Burke	do	372.00
1	J. N. Ryker	do	175.60
1	E. A. Beals	do	270.30
1	James A. Barry	do	167.00
1	W. M. Wilson et al.	do	282.40
1	W. L. Moore et al.	do	474.30
1	F. P. Chaffee et al.	do	240.30
1	J. B. Marbury et al.	do	347.90
1	Max Wagner et al.	do	195.60
1	H. J. Cox et al.	do	189.60
1	E. W. McGannet al	do	151.60
1	A. B. Crane et al.	do	146.40
1	E. B. Dunn et al.	do	713.60
1	R. E. Kerkam et al.	do	483.40
1	J. I. Widmeyer et al.	do	137.80
1	Geo. E. Hunt et al.	do	436.90
1	J. G. Linsley et al.	do	296.70
1	M. J. Wright, jr., et al.	do	72.00
1	L. M. Dey et al.	do	469.20
1	O. D. Stewart et al.	do	315.10
1	B. F. Hough et al.	do	175.60
1	Chas. A. Smith et al.	do	180.80
1	John Craig et al.	do	244.60
1	U. G. Purssell et al.	do	175.60
1	P. F. Lyons et al.	do	285.90
1	H. F. Alciatore et al.	do	185.30
1	W. H. Hammon et al	do	508.90
1	R. J. Bain et al.	do	92.30
1	T. J. Considine et al.	do	120.50
1	E. A. Hanner et al.	do	167.00
1	Wm. Burrows et al.	do	172.20
1	Peter Wood et al.	do	215.30
1	I. M. Cline et al.	do	365.80
1	Geo. W. Felger et al.	do	156.70
1	Frank Ridgway et al.	do	195.30
1	W. E. Butler et al.	do	218.70
1	W. P. Hardin et al.	do	122.25
1	J. M. Sherier et al.	do	189.40
1	S. W. Gleim et al.	do	211.20
1	C. F. R. Wappenhaus et al.	do	439.10
1	E. R. Demain et al.	do	278.90
1	U. G. Myers et al.	do	219.10
1	E. P. Jones et al.	do	195.80
1	S. M. Blandford et al.	do	232.50
1	C. F. von Hermann et al	do	212.90
1	Arthur L. White et al	do	156.70
1	P. H. Smyth et al.	do	187.00
1	C. L. Bozzelli et al.	do	114.70
1	Geo. N. Salisbury et al	do	198.00
1	B. S. Pague et al.	do	575.90
1	H. B. Hersey et al.	do	165.30
1	W. W. Neifert et al.	do	106.10
1	R. J. Hyatt et al.	do	398.70
1	F. L. Graham et al.	do	271.50
1	J. P. Slaughter et al.	do	158.40
3	C. A. Pague	Salary	26.00
3	H. C. Biscoe	do	14.52
10	Geo. T. Todd	do	86.10
10	P. T. Jenkins	do	108.30
10	Chas. Stewart	do	111.90
12	F. L. Eaton	do	60.00
14	H. R. Boynton	do	94.70
20	P. T. Jenkins	do	49.45
21	F. E. Purse	do	10.00
30	C. A. Pague	do	8.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
Apr. 30	E. A. Beals et al.	Salaries	\$258.80
30	A. Pritchard	Salary	20.00
May 1	H. R. Boynton	do	90.70
1	A. F. Sims et al.	Salaries	217.80
1	H. McP. Baldwin et al.	do	105.70
1	Park Morrill et al	do	465.10
1	D. Fisher et al	do	159.90
1	C. P. Cronk et al	do	366.20
1	J. W. Smith et al	do	644.60
1	Wm. Davis et al	do	176.30
1	D. Culbertson et al	do	303.50
1	H. C. Painter et al	do	145.40
1	W. T. Blythe et al	do	192.80
1	L. N. Jesunofsky et al	do	206.00
1	L. M. Pindell et al	do	159.90
1	H. C. Frankenfield et al	do	478.30
1	S. S. Bassler et al	do	476.50
1	W. B. Stockman et al	do	387.40
1	Chas. M. Stroud et al	do	463.40
1	F. J. Walz et al	do	181.30
1	Geo. A. Loveland et al	do	265.60
1	Geo. M. Chappel et al	do	371.00
1	Edw. A. Evans et al	do	483.20
1	James Kenealy et al	do	237.50
1	D. C. Murphy et al	do	197.80
1	Peter Wood et al	do	206.10
1	I. M. Cline et al	do	351.30
1	Geo. W. Felger et al	do	150.00
1	W. E. Butler et al	do	159.90
1	Frank Ridgway et al	do	188.20
1	H. P. Hardin et al	do	117.00
1	J. M. Sherier et al	do	181.40
1	S. W. Glenn et al	do	202.90
1	C. F. R. Wappenhaus et al	do	420.20
1	E. R. Demain et al	do	267.00
1	O. J. Mitchell et al	do	189.60
1	P. Connor et al	do	357.60
1	H. B. Boyer et al	do	118.90
1	J. D. Blagden et al	do	93.90
1	J. G. Gardiner et al	do	113.90
1	W. U. Simons et al	do	166.40
1	F. H. Clarke et al	do	277.00
1	Frank Burke et al	do	356.00
1	Geo. E. Franklin et al	do	127.10
1	J. N. Ryker et al	do	188.93
1	W. M. Nilson et al	do	270.30
1	W. L. Moore et al	do	455.20
1	Jas. A. Barry et al	do	159.90
1	F. P. Chaffee et al	do	321.70
1	Max Wagner et al	do	188.10
1	J. B. Marbury et al	do	332.90
1	E. W. McGinn et al	do	145.10
1	H. J. Cox et al	do	181.30
1	R. E. Kerkam et al	do	463.30
1	E. B. Dunn et al	do	684.30
1	J. J. Gray et al	do	131.90
1	J. I. Widmeyer et al	do	131.90
1	Geo. E. Hunt et al	do	410.60
1	J. G. Linsley et al	do	197.80
1	M. J. Wright, jr., et al.	do	69.30
1	L. M. Dey et al	do	450.30
1	U. G. Myers et al	do	307.00
1	O. D. Stewart et al	do	301.60
1	E. P. Jones et al	do	188.10
1	S. M. Blandford et al	do	305.00
1	C. F. von Herrmann et al	do	204.60
1	Arthur L. White et al	do	150.00
1	Jas. A. Barwick et al	do	137.10
1	P. F. Lyons et al	do	273.60
1	G. N. Salisbury et al	do	189.60
1	B. F. Hough et al	do	168.10
1	B. S. Pague et al	do	552.50
1	H. B. Hersey et al	do	158.20
1	W. H. Hammon et al	do	488.20
1	C. L. Bozzell et al	do	110.70
1	P. F. Smyth et al	do	179.90
1	H. F. Alciatore et al	do	178.20
1	Chas. A. Smith et al	do	173.10
1	U. G. Purssell et al	do	168.10
1	John Craig et al	do	234.00

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 1	R. J. Bain et al	Salaries	\$89.20
1	T. J. Considine et al	do	115.40
1	E. A. Hanner et al	do	159.90
1	R. J. Hyatt et al	do	382.60
1	W. W. Neifert et al	do	102.40
1	F. L. Graham et al	do	260.50
1	J. P. Slaughter et al	do	151.60
1	Wayland Bailey	Salary	98.90
1	Allen Buell	do	98.90
1	E. H. Emery	do	98.90
1	John Grover	do	90.70
1	C. H. Stuller	do	107.10
1	Jas. P. Sherry	do	107.10
1	F. A. Carpenter	do	82.40
1	E. M. Ravenscroft	do	82.40
1	J. W. Bauer	do	107.10
1	L. M. Tarr	do	89.90
1	A. E. Hackett	do	82.40
1	Geo. Reeder	do	82.40
1	Asa Dosher	do	59.30
1	Geo. T. Todd	do	82.40
1	S. C. Emery	do	107.10
1	R. S. Dimmick	do	60.00
1	N. D. Lane	do	107.10
1	Maurice Connell	do	107.10
1	J. R. Williams	do	115.40
1	R. O. Williams	do	59.30
1	J. J. O'Donnell	do	69.20
1	F. W. Conrad	do	90.70
1	R. S. Smith	do	39.60
1	R. L. Anderson	do	49.50
1	C. W. Ling	do	90.70
1	J. H. Smith	do	90.70
1	R. M. Hardinge	do	98.90
1	F. W. Gosewisch	do	107.10
1	Geo. W. Scott	do	82.40
1	H. R. Patrick	do	82.40
1	Geo. Hass Hagen	do	90.70
1	J. W. Byram	do	90.70
1	M. E. Conway	do	69.20
1	G. T. W. Wells	do	39.60
1	Chas. Adie	do	69.20
1	R. O. Lazenny	do	82.40
1	Wm. Line	do	98.90
1	J. C. Piercy	do	90.70
1	G. H. Willson	do	107.10
1	H. W. Richardson	do	90.70
1	M. Wright	do	82.40
1	L. A. Muhlner	do	69.20
1	Wm. Bell	do	90.70
1	Otto B. Hart	do	60.00
1	W. M. Edmondson	do	107.10
1	F. H. Brandenburg	do	107.10
1	Jos. P. Fallihee	do	59.30
1	Wm. Norrington	do	90.70
1	Jno. J. McLean	do	107.10
1	Thos. Gibson	do	107.10
1	H. W. Grasse	do	49.50
1	L. F. Passailague	do	90.70
1	M. L. Hearne	do	115.40
1	T. S. Collins	do	98.90
1	Chas. Stewart	do	107.10
1	F. R. Beahan	do	90.70
1	E. A. Beahan	do	30.00
1	J. E. Lanquette	do	107.10
1	F. B. Jennings	do	115.40
1	John Fitzgerald	do	98.90
1	R. M. Crawford	do	90.70
1	F. Newman	do	98.90
1	F. L. Johnson	do	98.90
1	E. C. Hobbs	do	98.90
1	Geo. D. Bouthcer	do	98.90
1	A. Ashenbuger	do	82.40
1	B. H. Bronson et al	Salaries	206.10
2	Wm. Burrows et al	do	152.93
5	M. S. Patrick	Salary	10.00
5	L. F. Ranké	do	7.50
5	W. A. Shaw	do	82.40
16	T. M. Phillips	do	6.00
16	B. L. Ruppert	do	4.50

Expenditures Department of Agriculture, fiscal year ending June 30, 1894—Cont'd.

WEATHER BUREAU—GENERAL EXPENSES—SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1894.			
May 31	W. L. Moore	Salary	\$32. 97
June 1	A. F. Sims et al.	Salaries	224. 40
	H. McP. Baldwin et al.	do	123. 60
	John Grover et al	do	108. 60
	Park Morrill et al	do	479. 80
	D. Fisher et al	do	165. 20
	C. P. Cronk	do	377. 60
	B. H. Bronson et al	do	212. 80
	Wm. Davis et al	do	182. 40
	J. W. Smith et al	do	665. 80
	W. T. Blythe et al	do	199. 40
	L. N. Jesunofsky et al	do	213. 00
	H. C. Painter et al	do	149. 20
	L. M. Pindell et al	do	165. 20
	H. C. Frankenfield et al	do	493. 40
	S. S. Bassler et al	do	492. 00
	W. B. Stockman et al	do	400. 20
	A. E. Hackett et al	do	115. 20
	C. M. Strong et al	do	478. 20
	F. J. Walz et al	do	187. 40
	Geo. A. Loveland et al	do	273. 80
	Edw. A. Evans et al	do	498. 60
	Geo. M. Chappel et al	do	383. 00
	James Kenealy et al	do	245. 00
	D. C. Murphy et al	do	204. 40
	Peter Wood et al	do	212. 80
	I. M. Cline et al	do	362. 40
	Geo. W. Felger et al	do	155. 00
	W. E. Butler et al	do	216. 20
	Frank Ridgway et al	do	193. 60
	H. R. Hardin et al	do	121. 00
	J. M. Sherier et al	do	187. 20
	S. W. Glenn et al	do	209. 20
	C. F. R. Wappenhaus et al	do	434. 60
	E. R. Demain et al	do	276. 00
	A. J. Mitchell et al	do	195. 80
	P. Connor et al	do	369. 80
	H. B. Boyer et al	do	122. 20
	J. D. Blagden et al	do	83. 96
	I. G. Gardiner et al	do	117. 20
	W. U. Simous et al	do	172. 20
	F. H. Clarke et al	do	286. 00
	Geo. E. Franklin et al	do	130. 80
	Frank Burke et al	do	368. 00
	J. N. Ryker et al	do	198. 80
	H. R. Patrick et al	do	105. 20
	W. M. Wilson et al	do	279. 40
	C. E. Linney et al	do	341. 80
	E. A. Beals et al	do	267. 40
	Jas. A. Barry et al	do	165. 20
	F. P. Chaffee et al	do	331. 60
	Max Wagner et al	do	193. 80
	J. B. Marbury et al	do	344. 20
	E. W. McGann et al	do	149. 80
	H. J. Cox et al	do	187. 80
	R. E. Kerkam et al	do	406. 80
	E. B. Dunn et al	do	706. 40
	J. J. Gray et al	do	221. 40
	J. I. Widmeyer et al	do	136. 20
	Geo. E. Hunt et al	do	423. 80
	J. J. Linsley et al	do	204. 40
	H. W. Richardson et al	do	165. 20
	M. J. Wright, jr., et al	do	71. 40
	L. M. Dey et al	do	464. 40
	G. G. Myers et al	do	281. 00
	O. D. Stewart et al	do	309. 18
	E. P. Jones et al	do	193. 80
	S. M. Blandford et al	do	315. 00
	C. F. von Heirmann et al	do	210. 80
	Jas. A. Barwick et al	do	140. 80
	W. H. Hammon	Salary	127. 80
	D. J. Herndon et al	Salaries	375. 80
	P. F. Lyons et al	do	282. 80
	G. N. Salisbury et al	do	195. 80
	B. S. Payne et al	do	570. 00
	H. B. Hersey et al	do	163. 60
	C. L. Bozzell et al	do	113. 60
	P. H. Smythe et al	do	185. 20
	H. F. Alciatore et al	do	163. 60
1	C. A. Smith et al	do	178. 80



